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FIG. 1

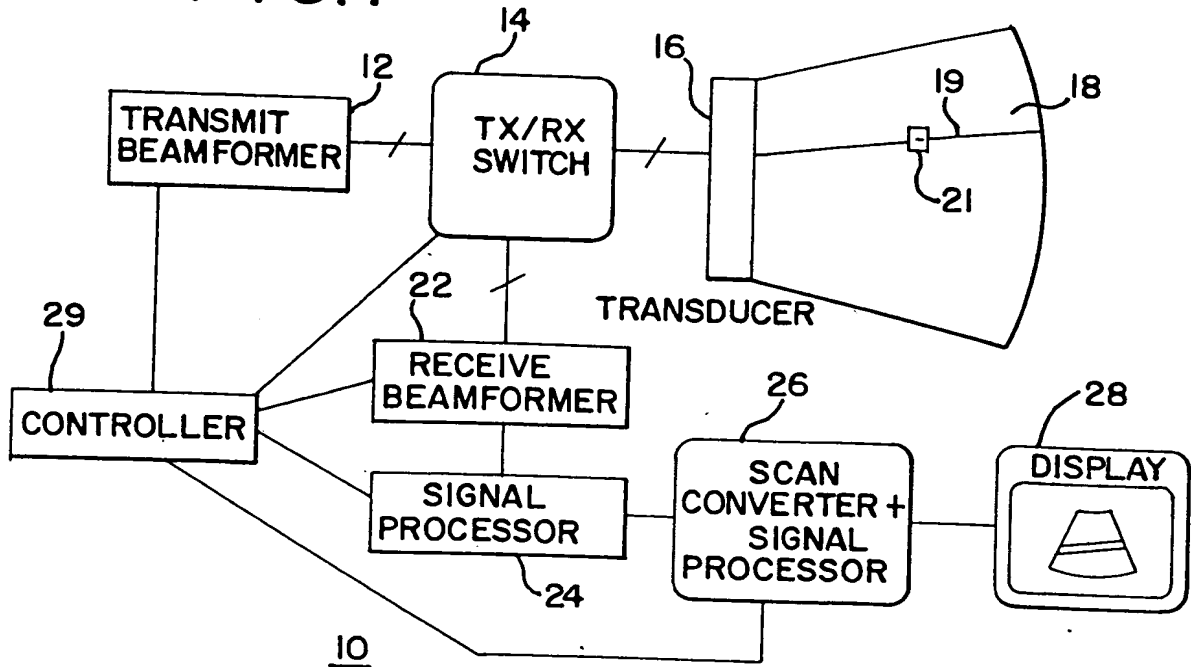
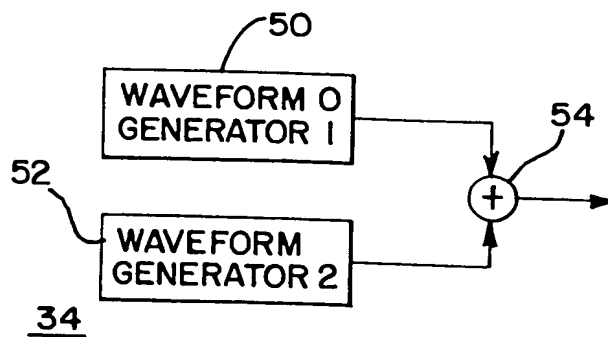
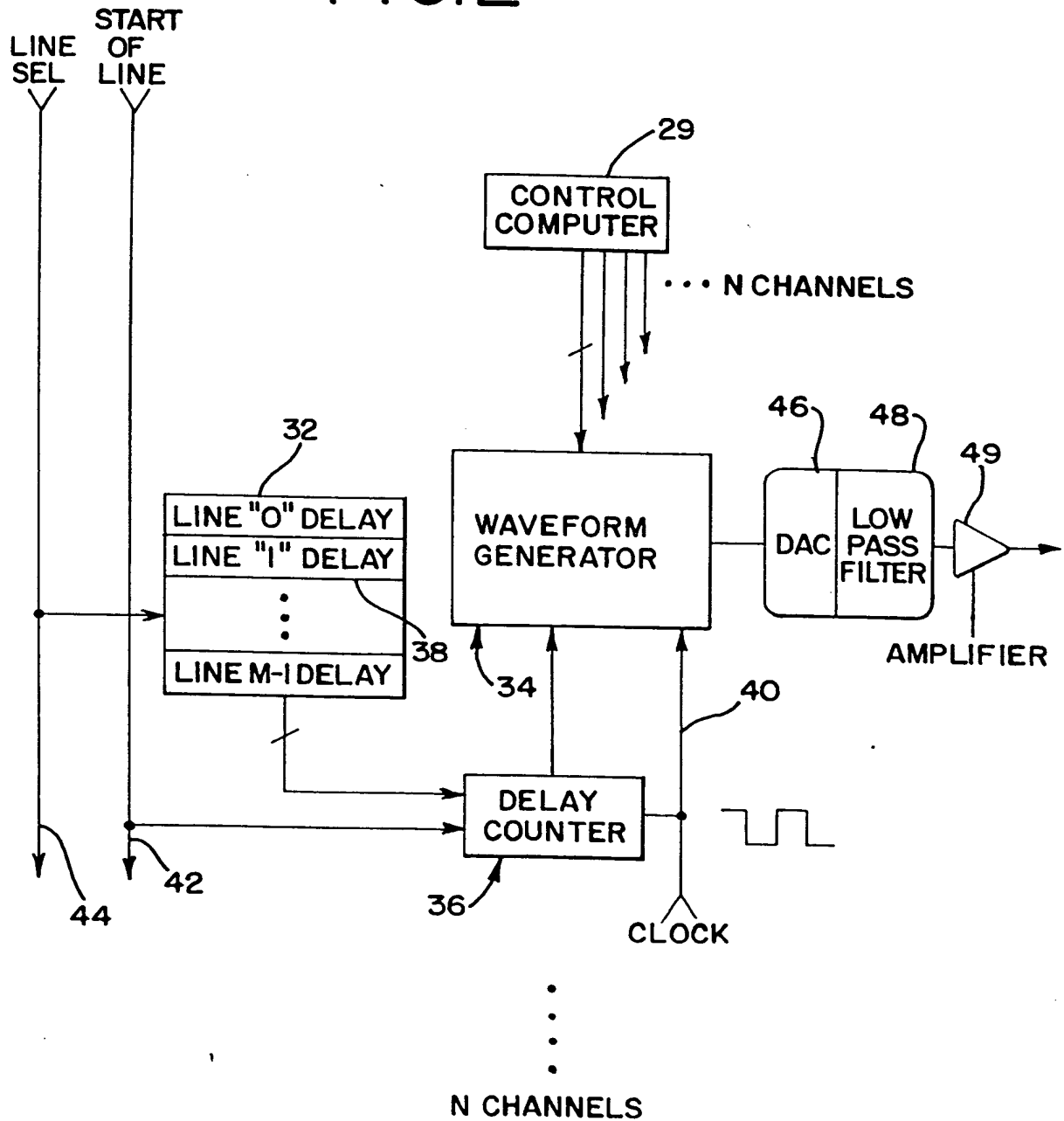


FIG. 3



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FIG.2



30 (TRANSMIT BEAMFORMER)

FIG.4A

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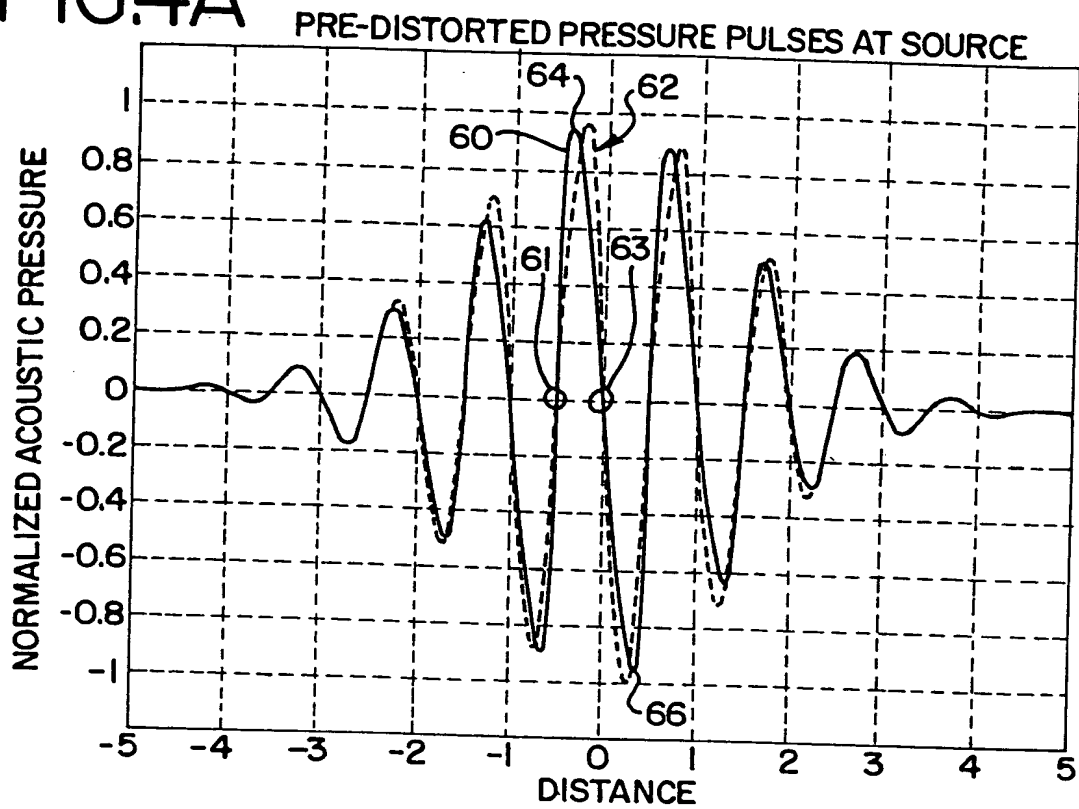
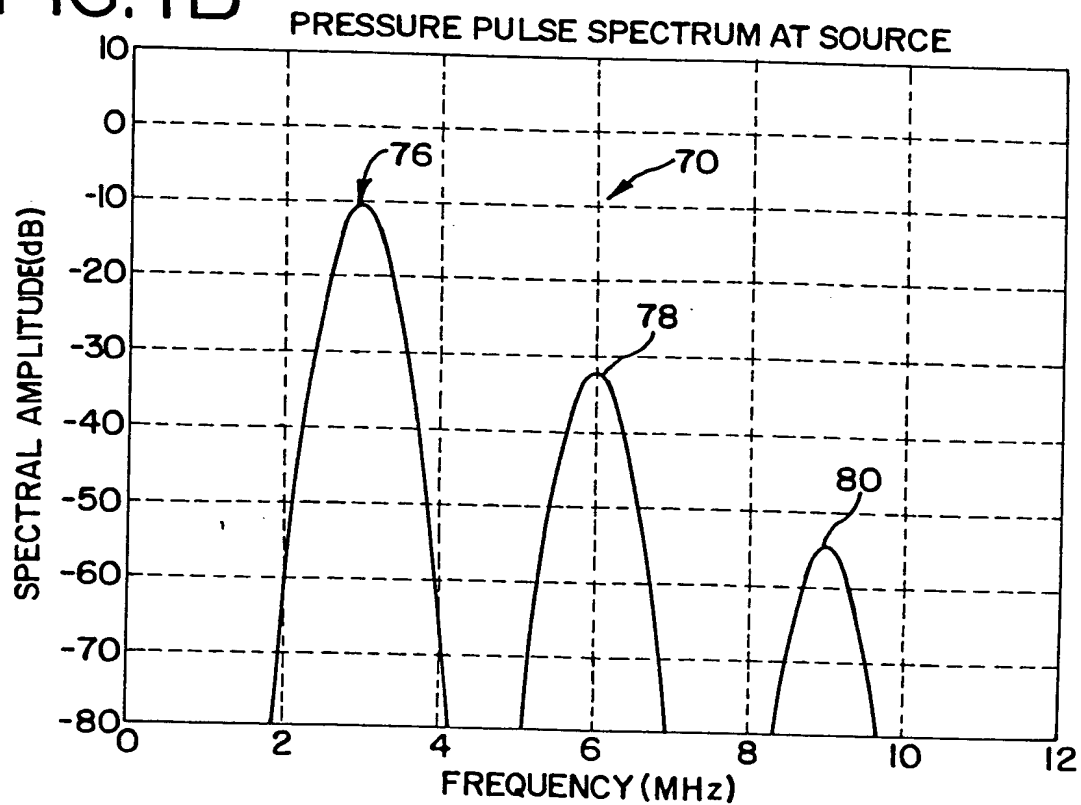


FIG.4B



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FIG.4C

PRESSURE PULSE AT THE POINT OF INTEREST

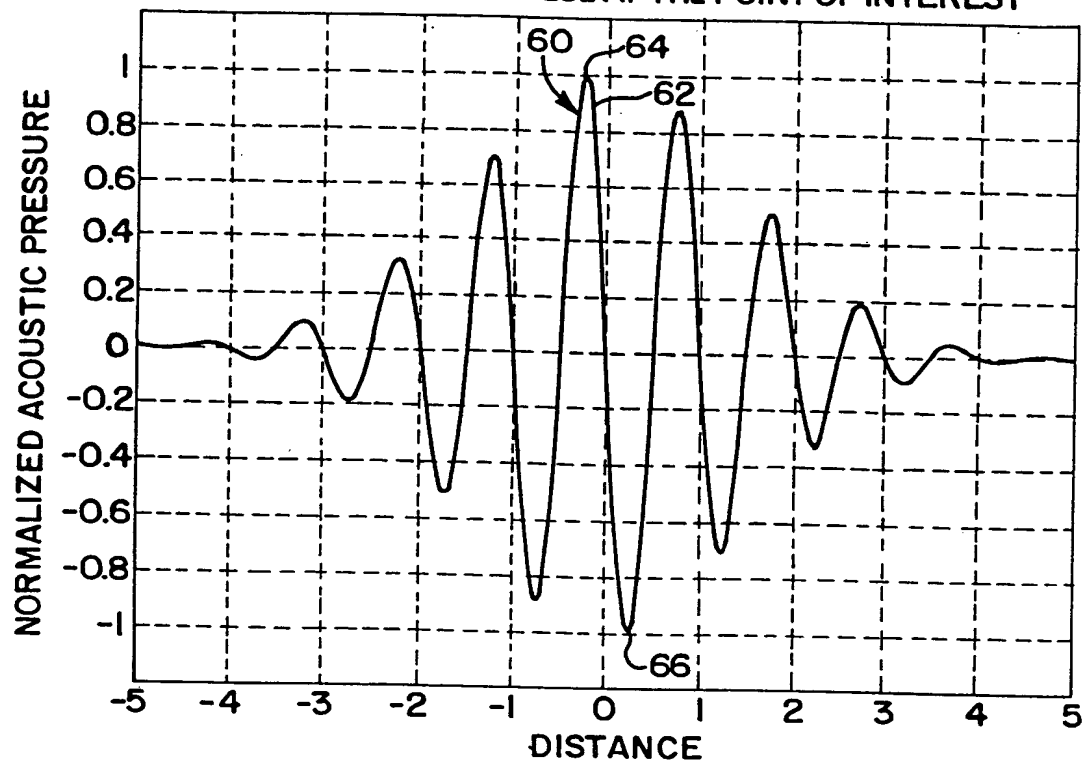


FIG.4D

PRESSURE PULSE SPECTRUM AT THE POINT OF INTEREST

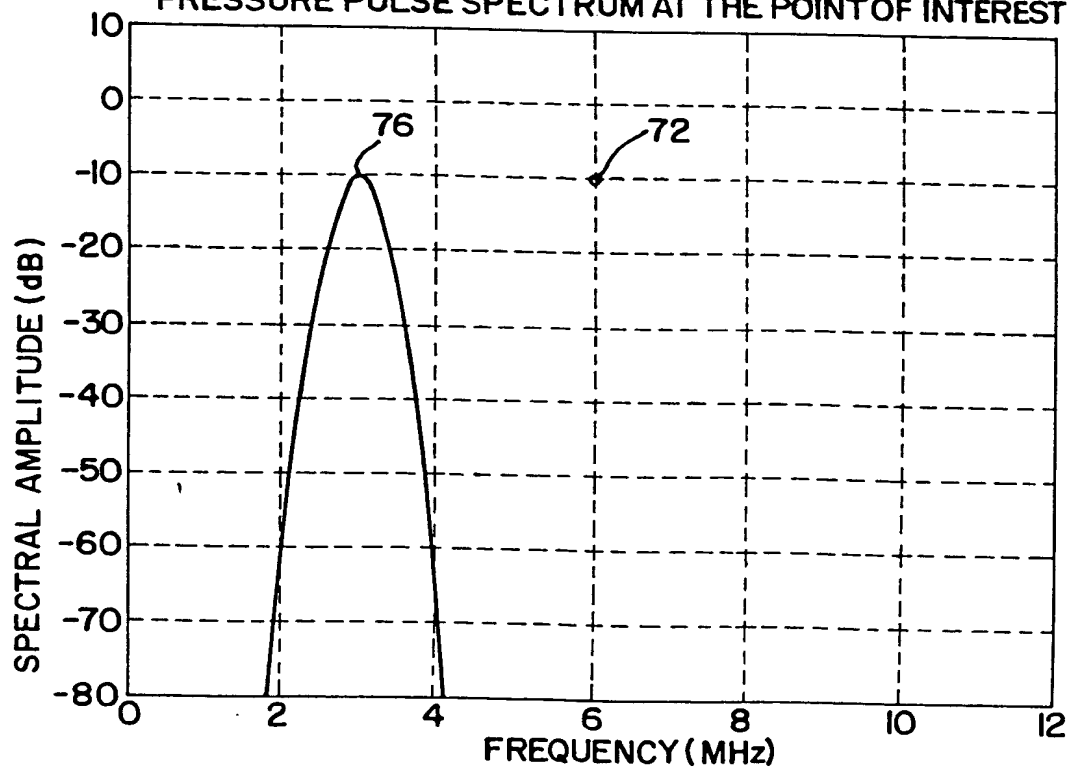


FIG.4E

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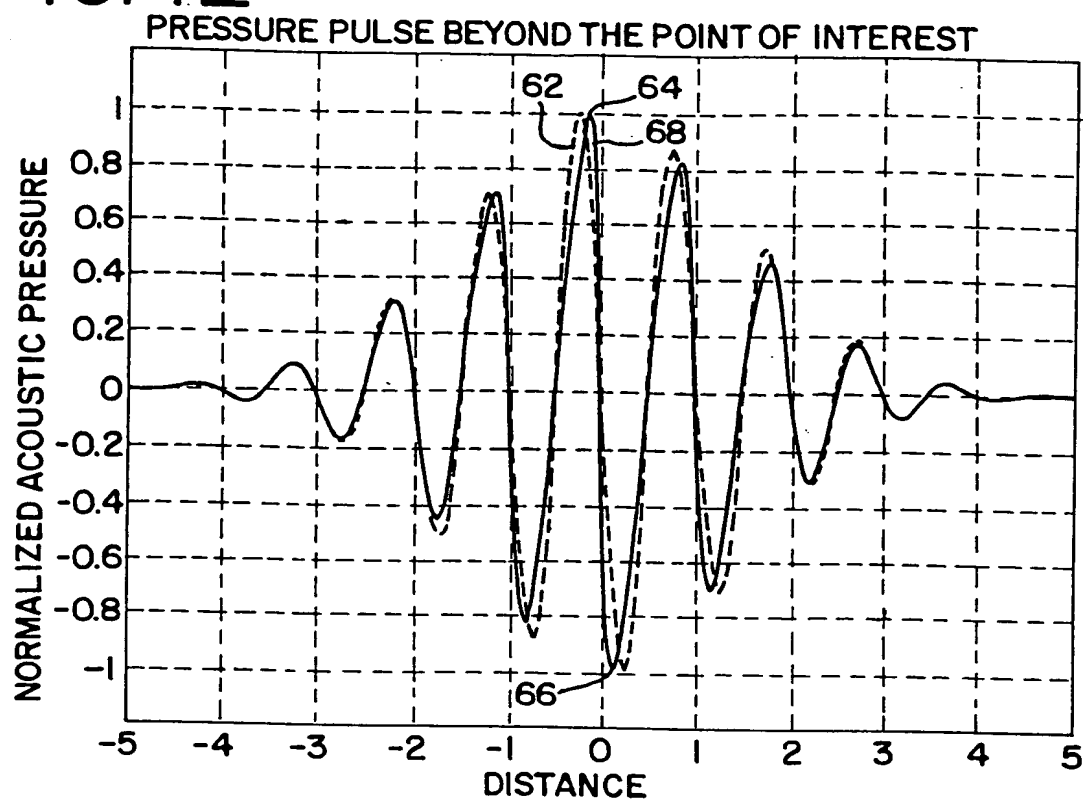


FIG.4F

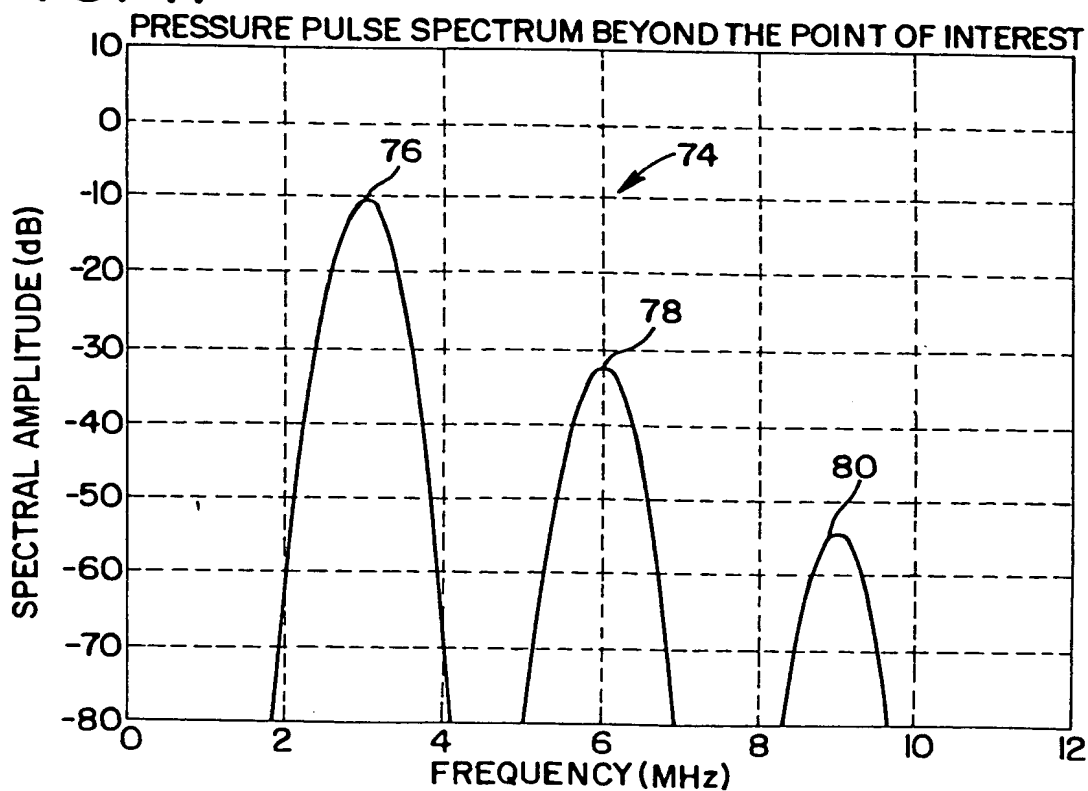


FIG.5A

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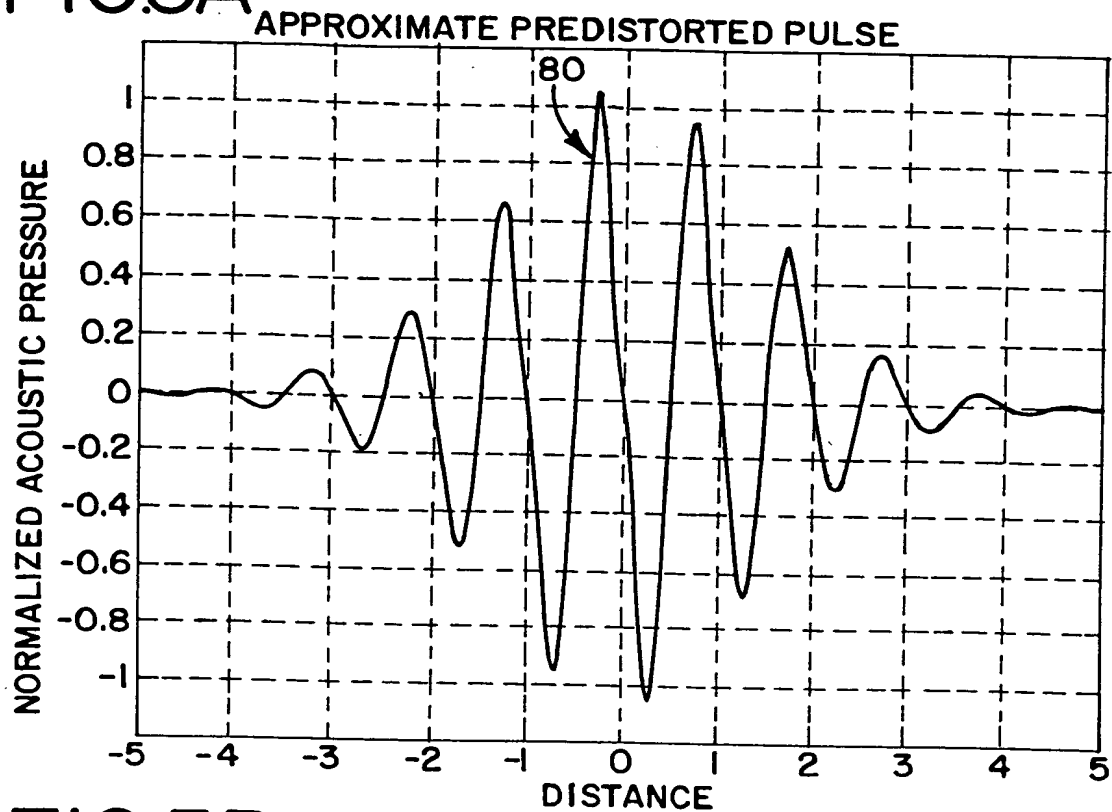


FIG.5B

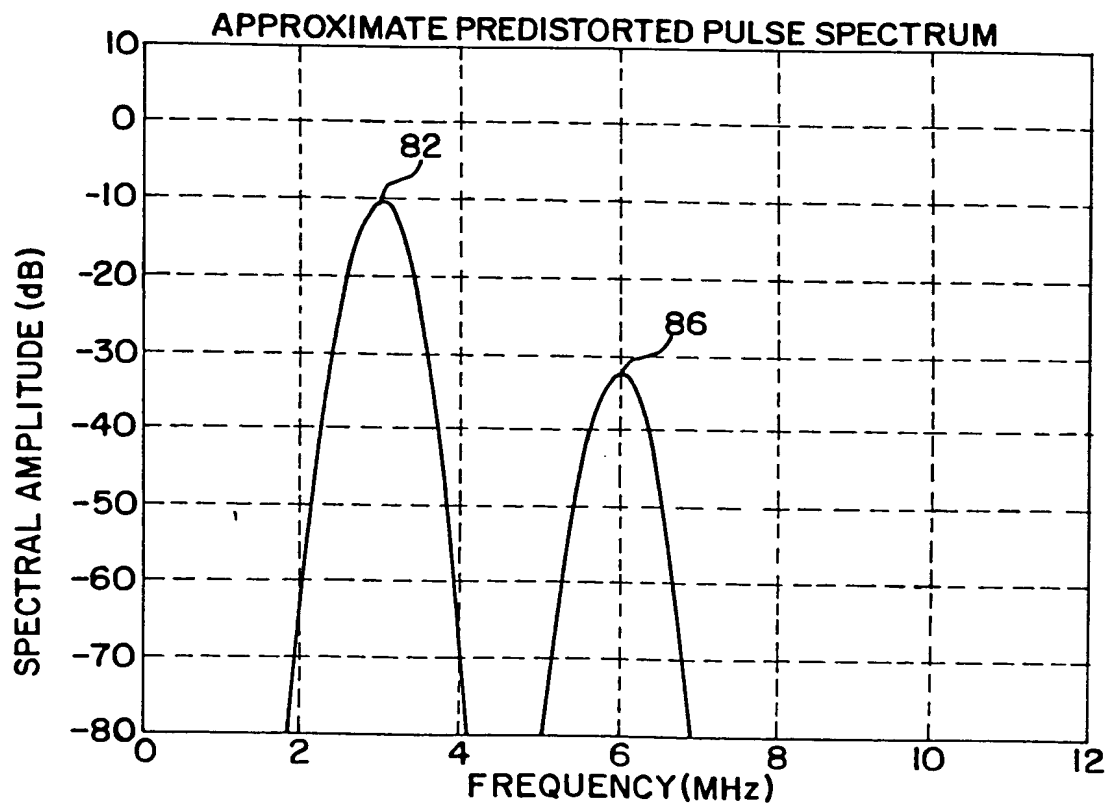


FIG.5C

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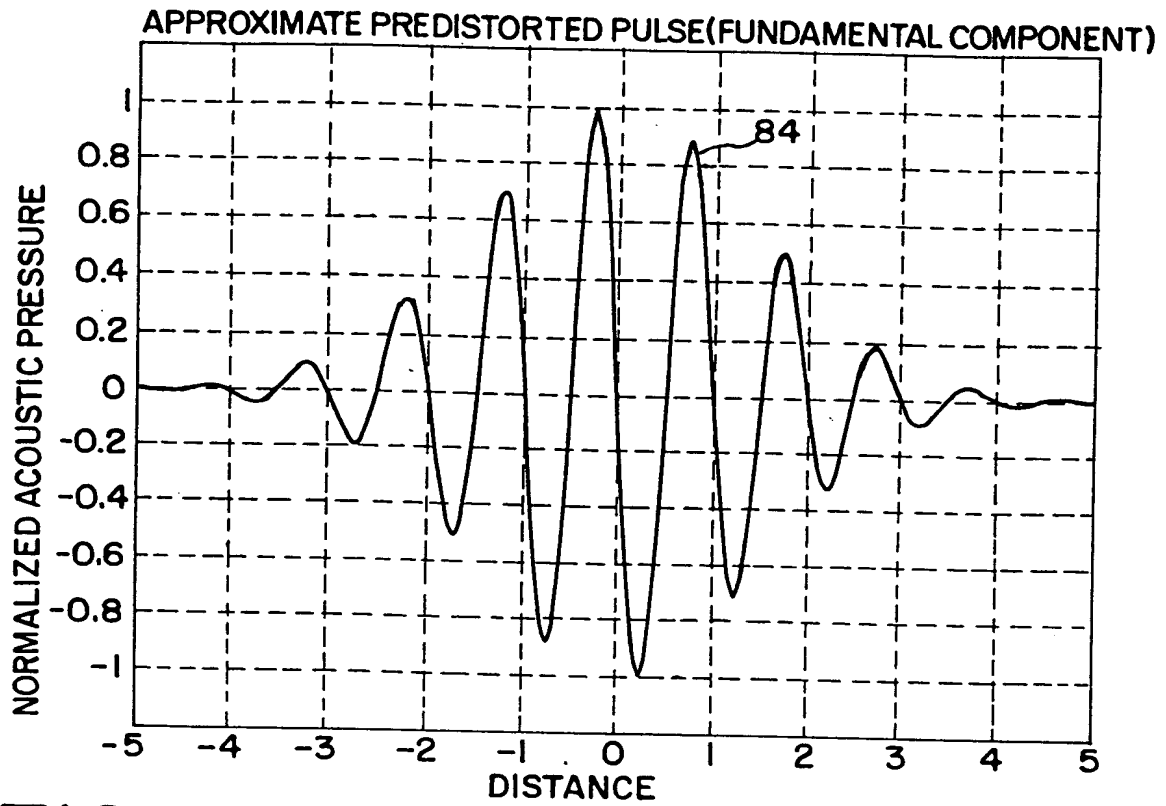


FIG.5D

APPROXIMATE PREDISTORTED SPECTRUM(FUNDAMENTAL COMPONENT)

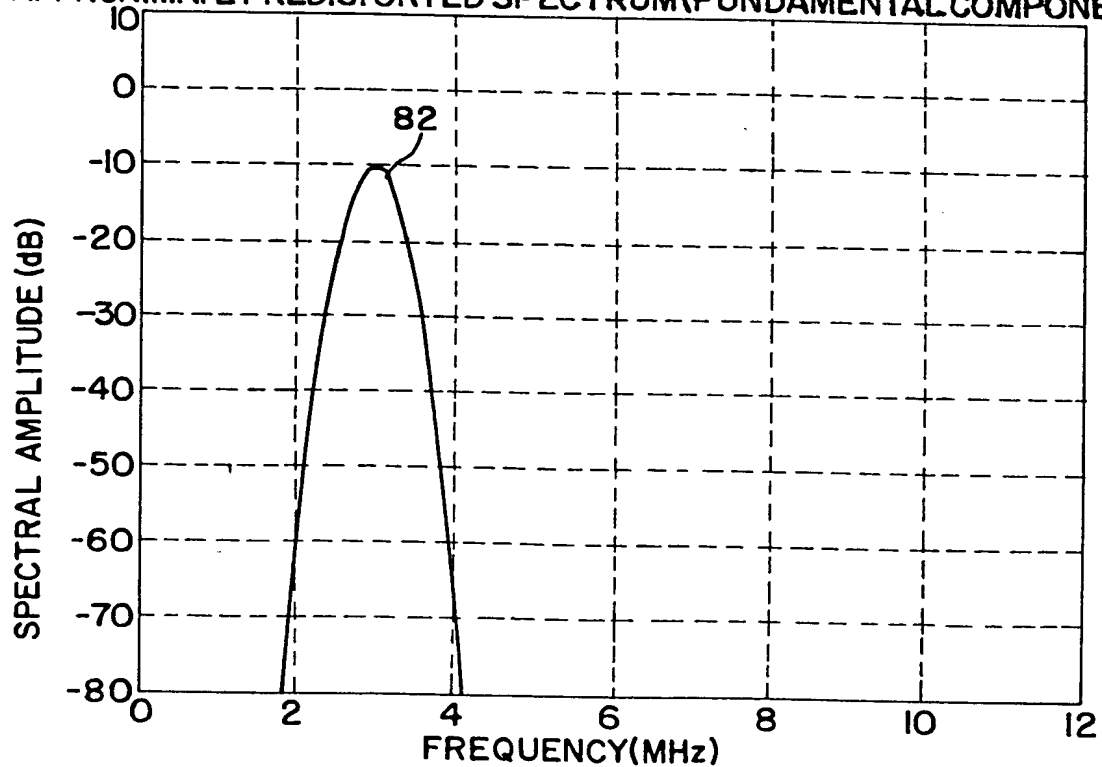


FIG.5E

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APPROXIMATE PREDISTORTED PULSE (HARMONIC COMPONENT)

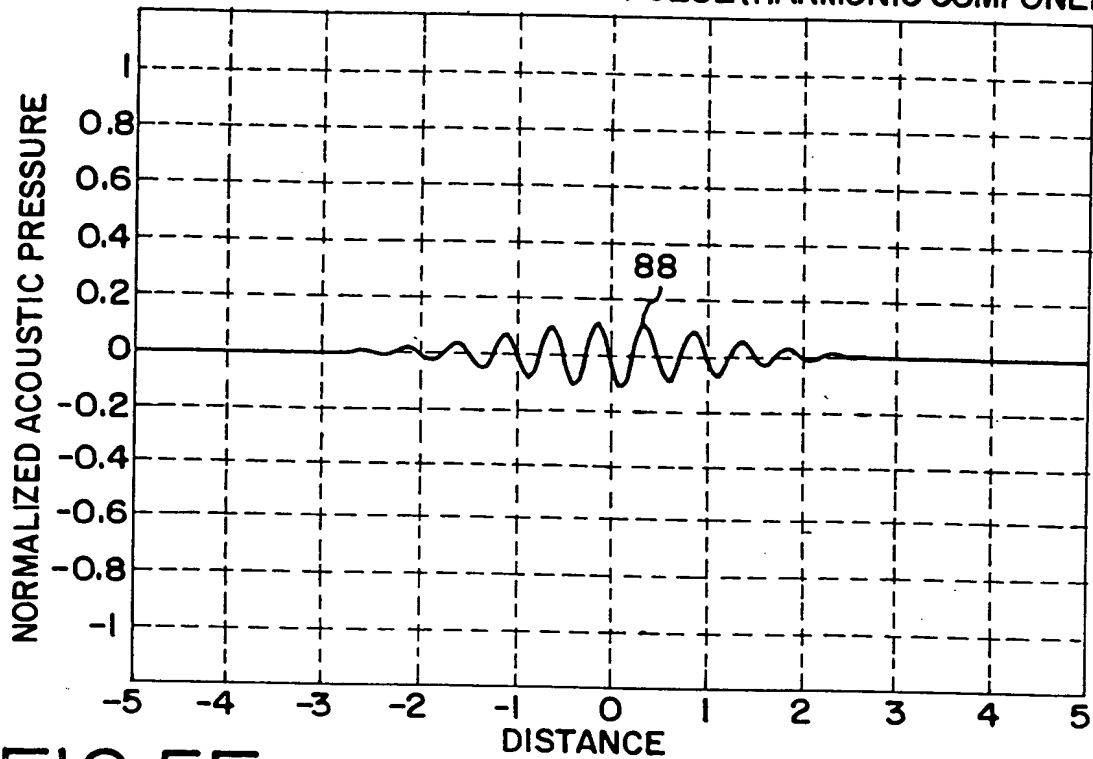


FIG.5F

APPROXIMATE PREDISTORTED SPECTRUM (HARMONIC COMPONENT)

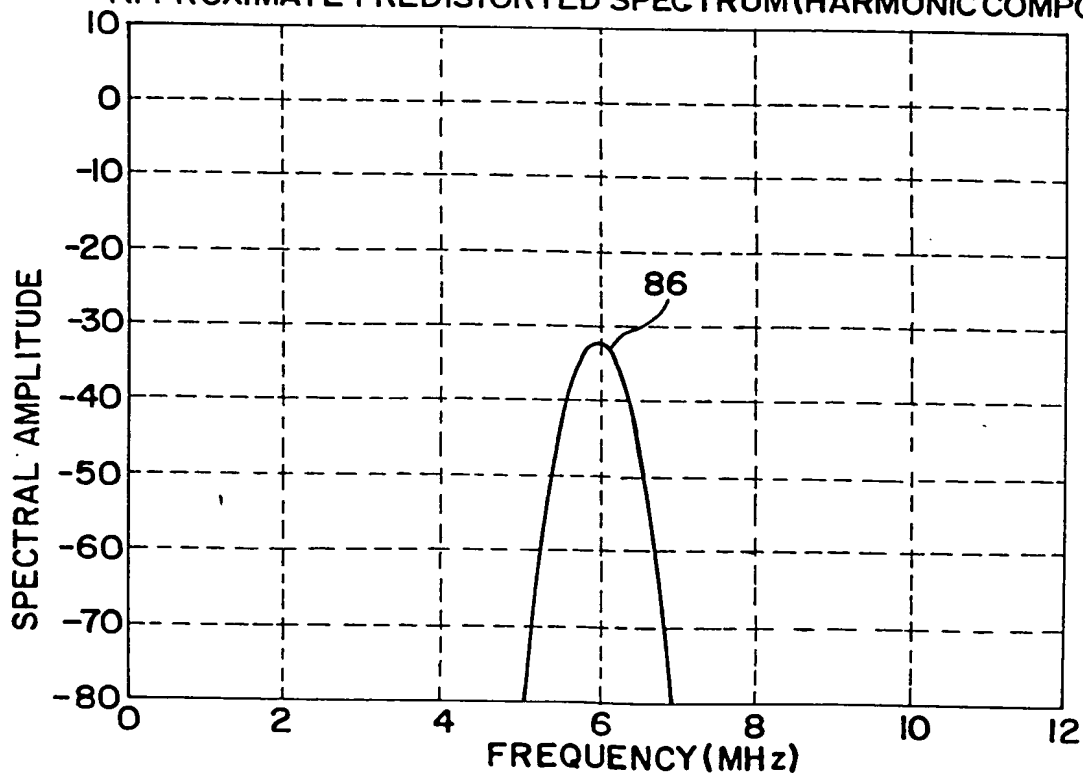


FIG.6A

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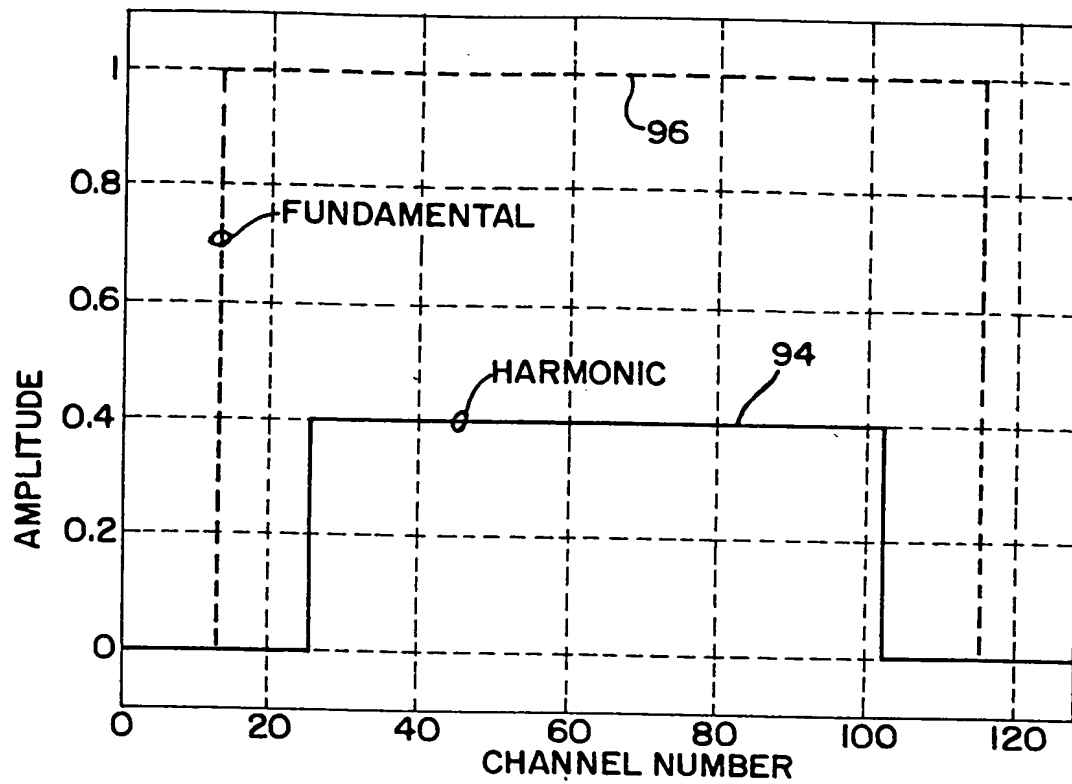


FIG.6B

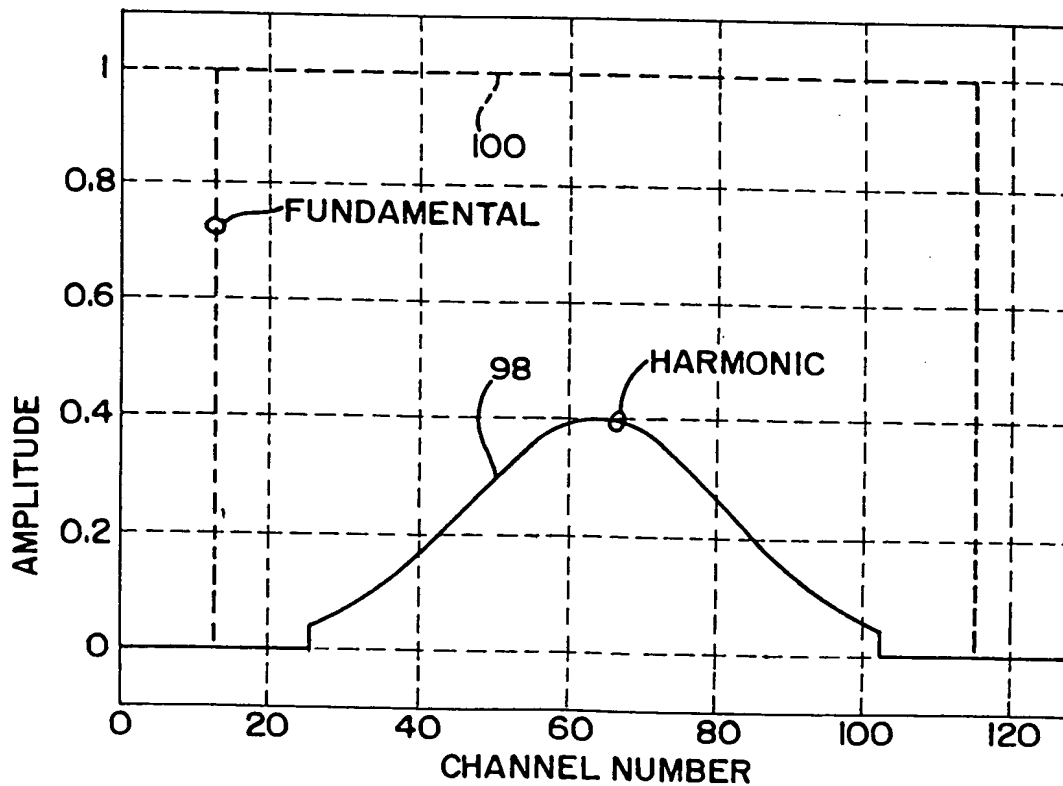


FIG.6C

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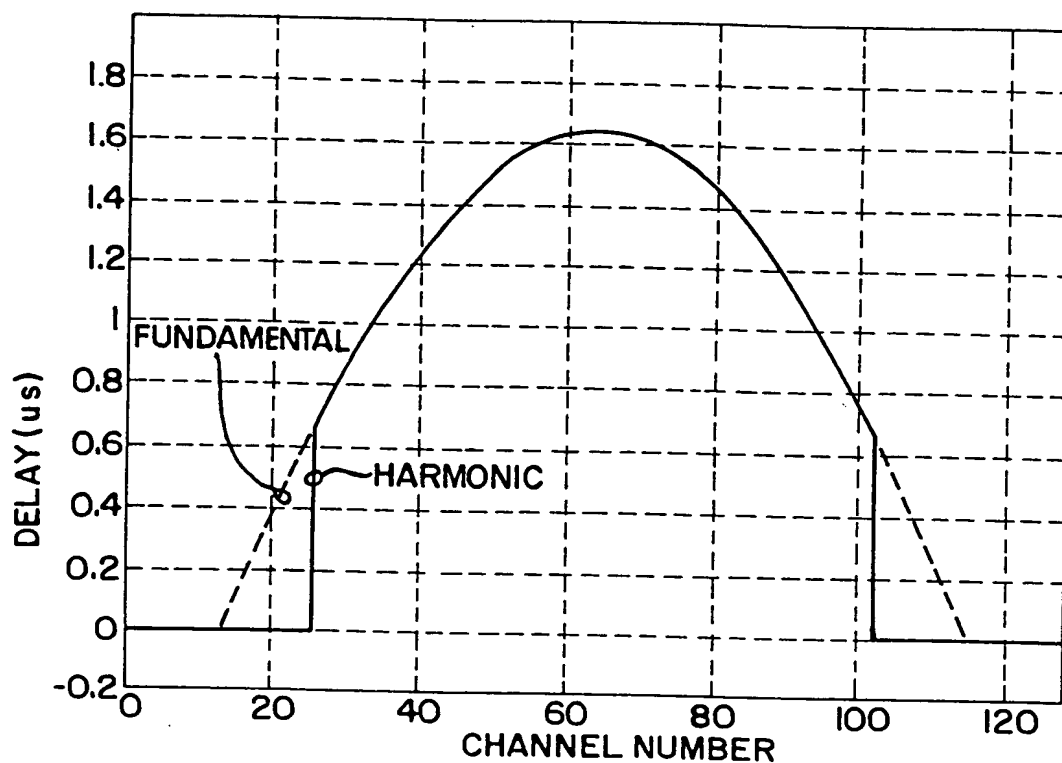
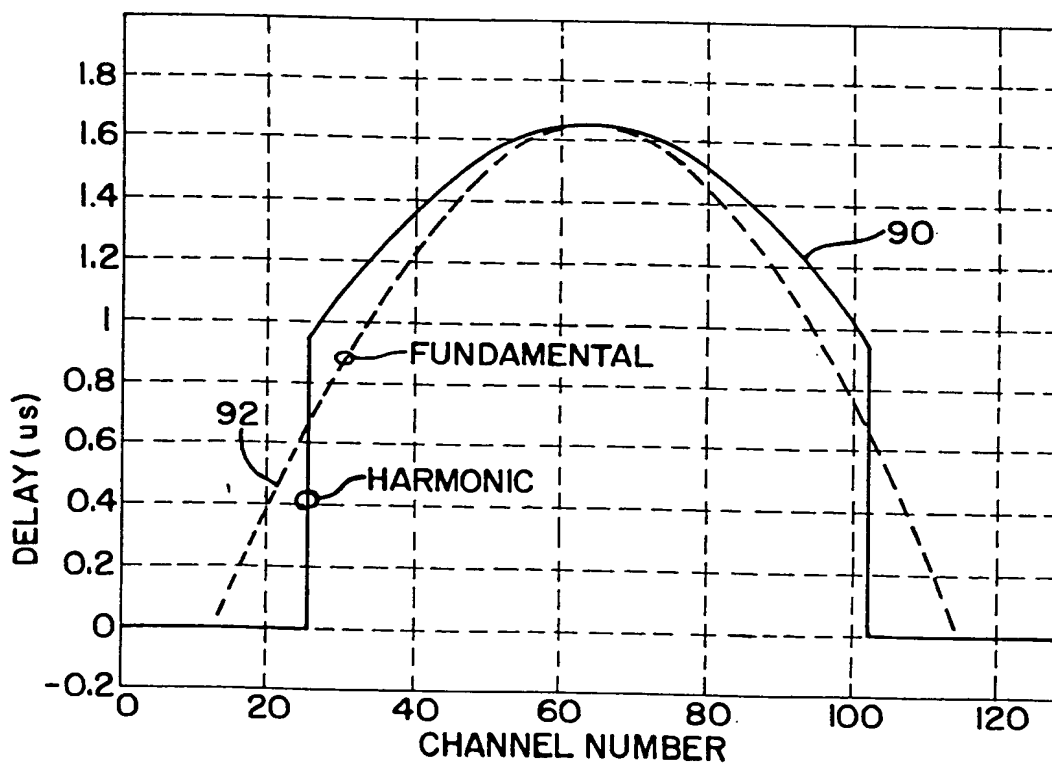


FIG.6D



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FIG. 7A

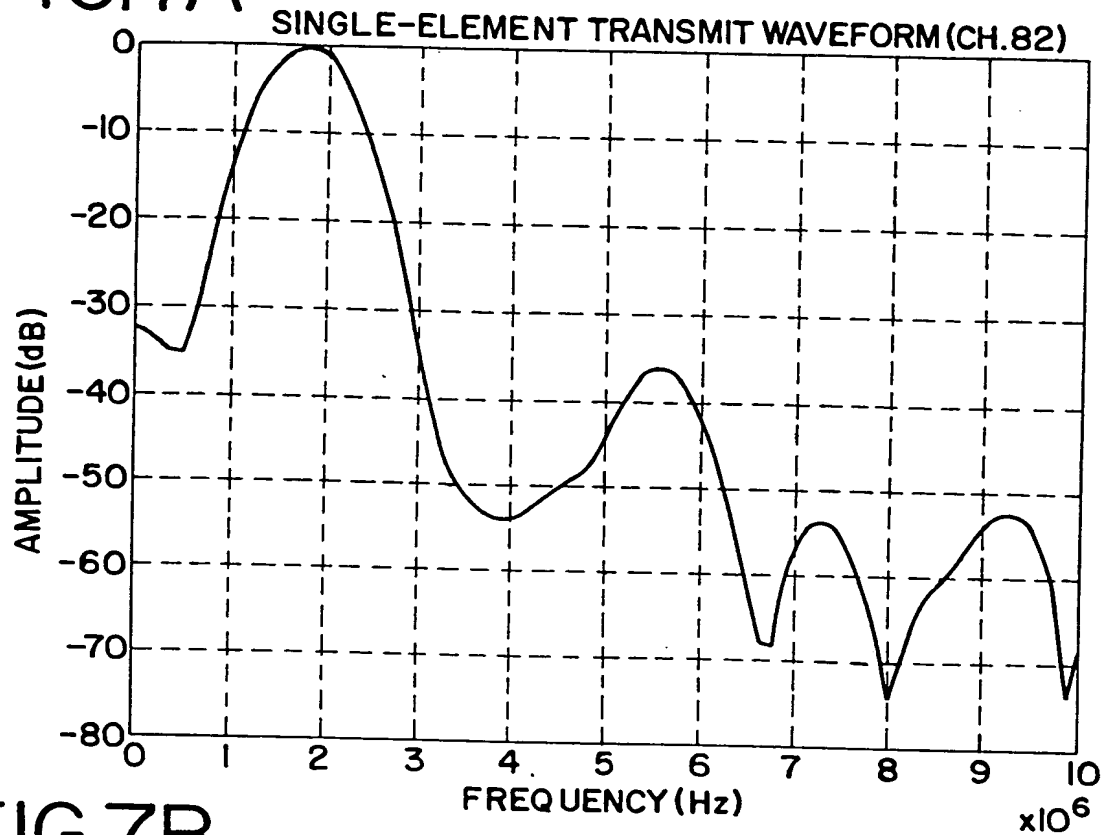


FIG. 7B

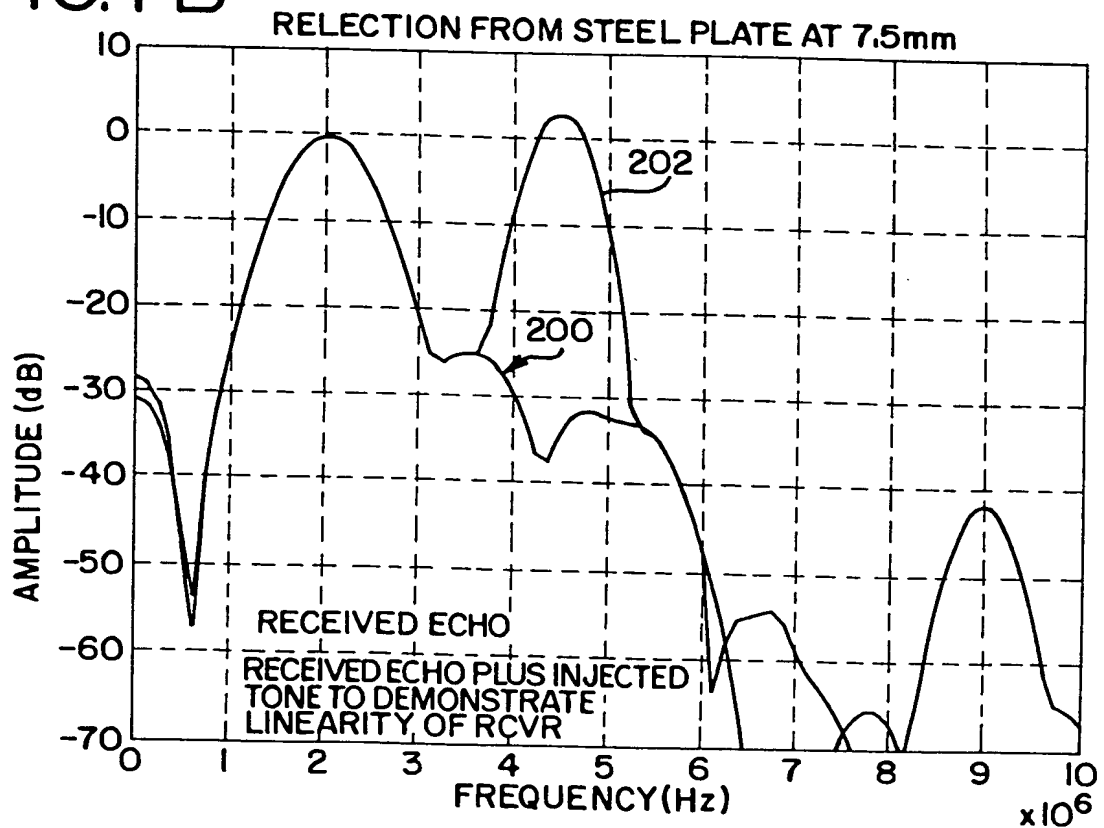


FIG.8A

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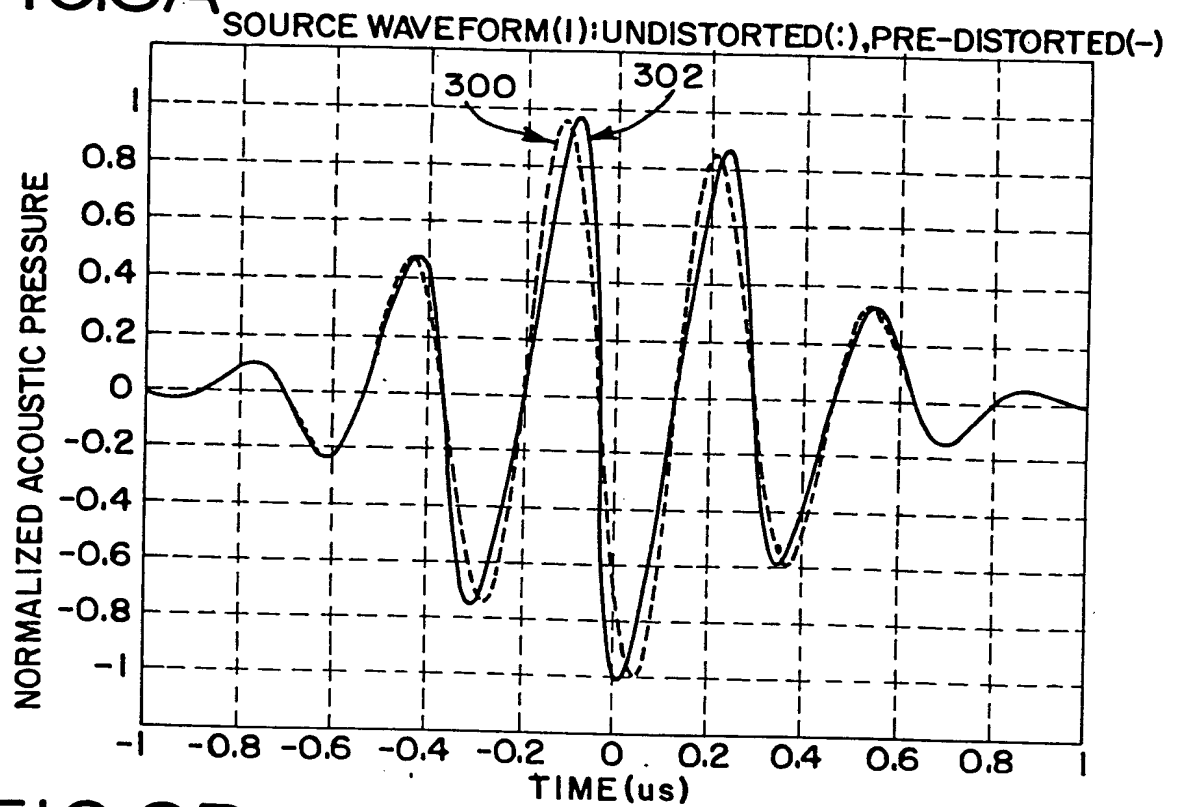


FIG.8B

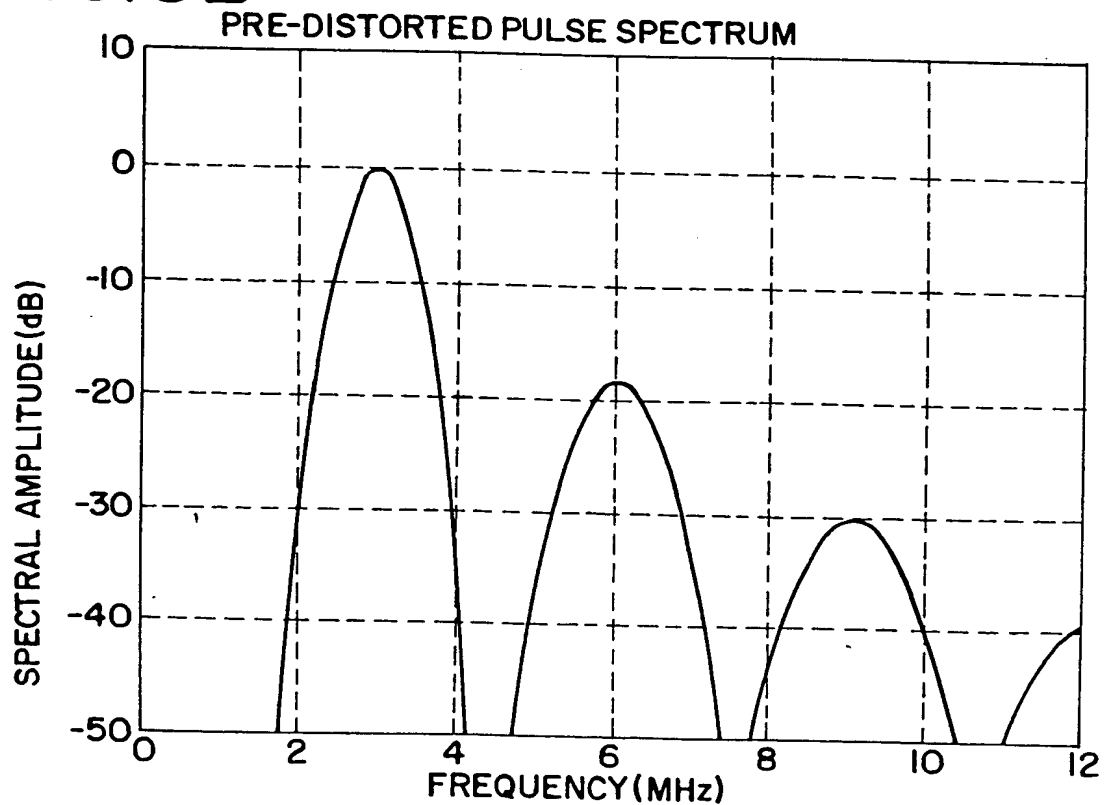


FIG.8C

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SOURCE WAVEFORM: FUNDAMENTAL(—) AND 2nd HARMONIC(---) COMPONENTS

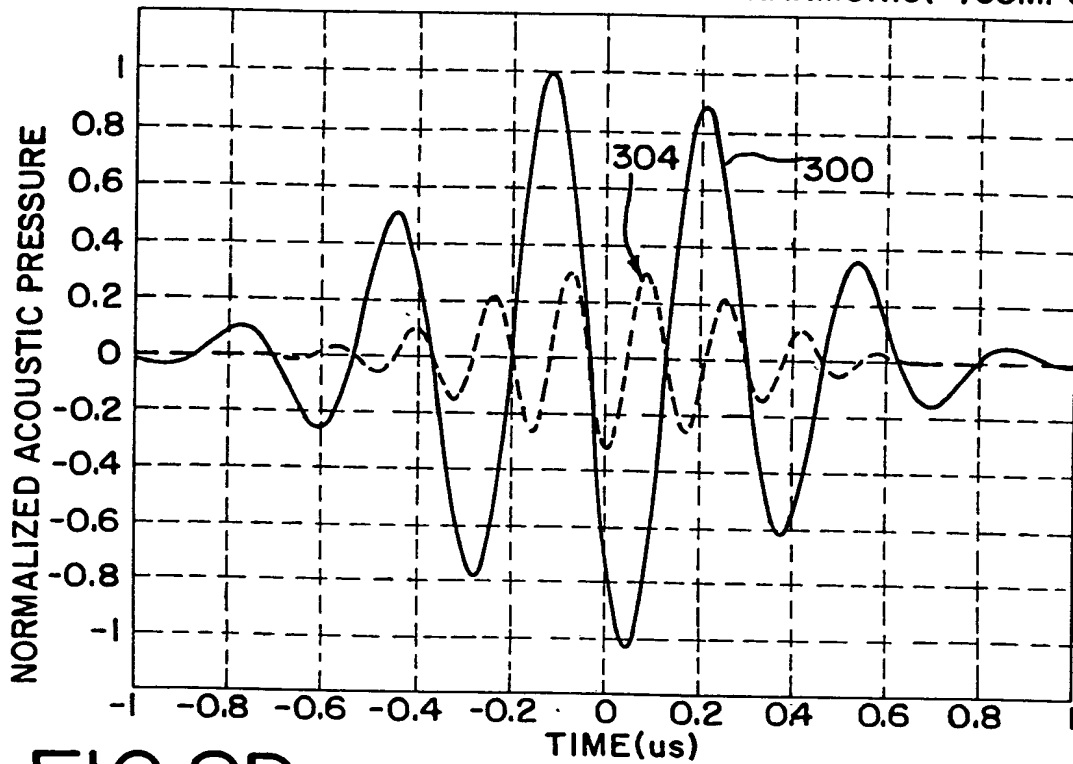


FIG.8D

SOURCE SPECTRUM: FUNDAMENTAL(—) AND 2nd HARMONIC(---) COMPONENTS

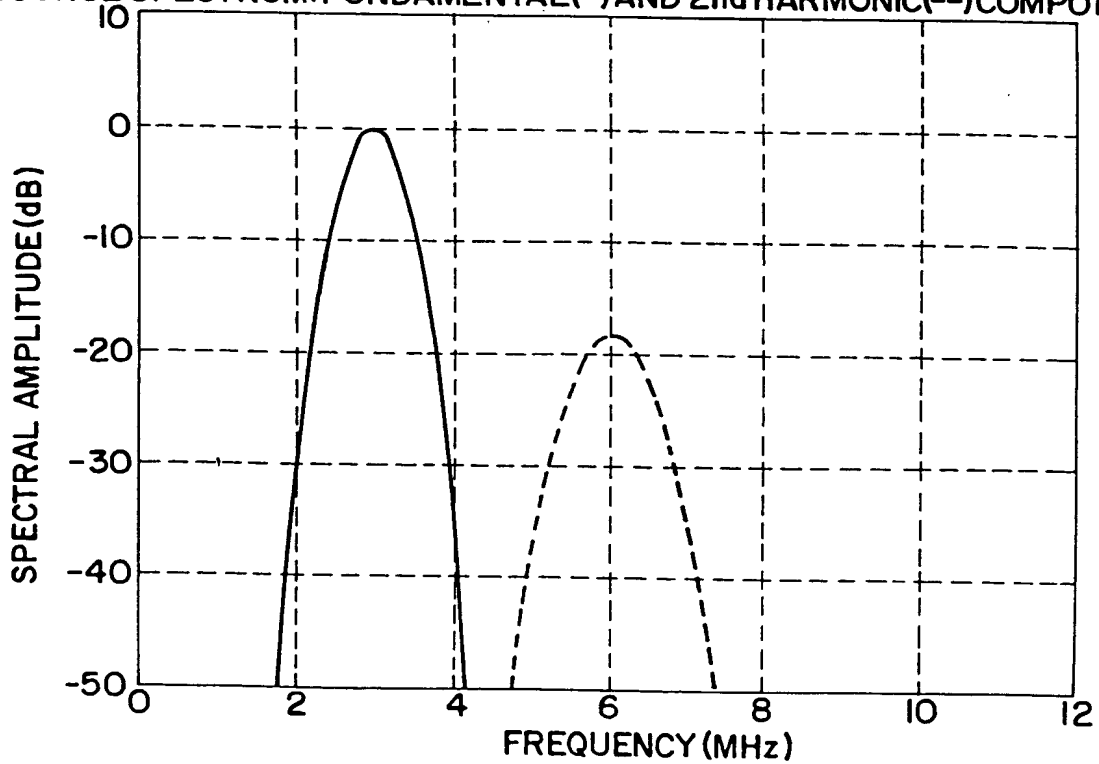


FIG.9A

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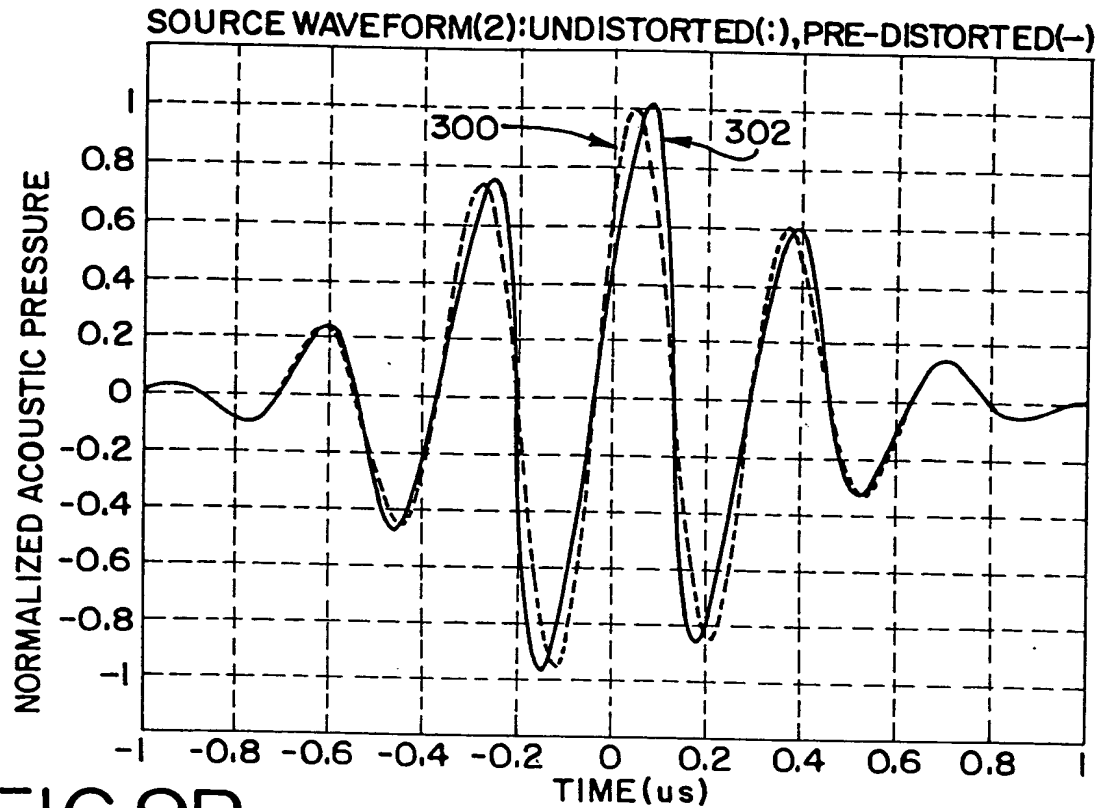


FIG.9B

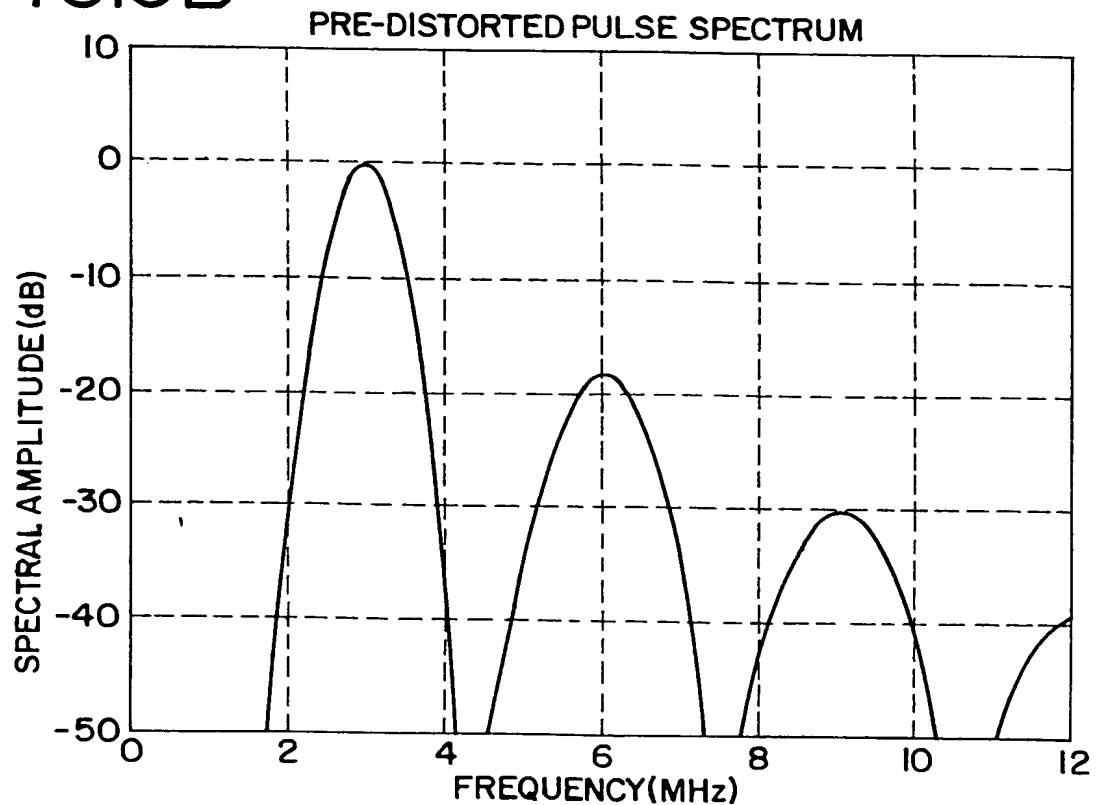


FIG.9C

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SOURCE WAVEFORM: FUNDAMENTAL (—) AND 2nd HARMONIC (---) COMPONENTS

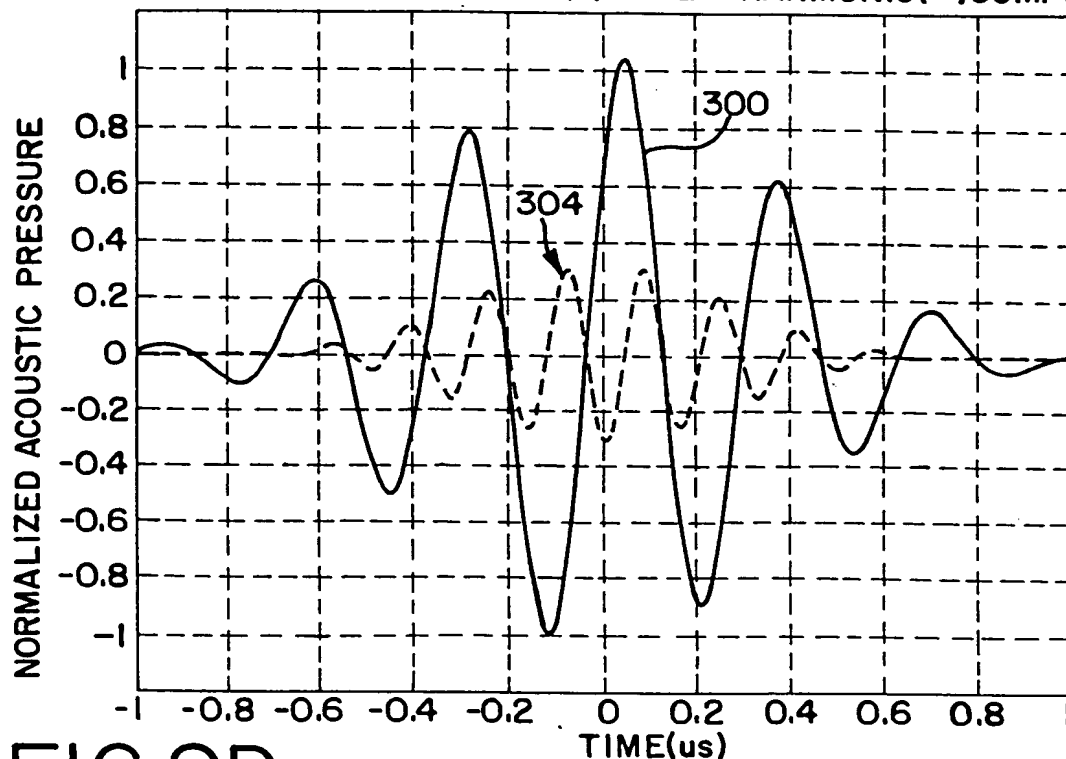
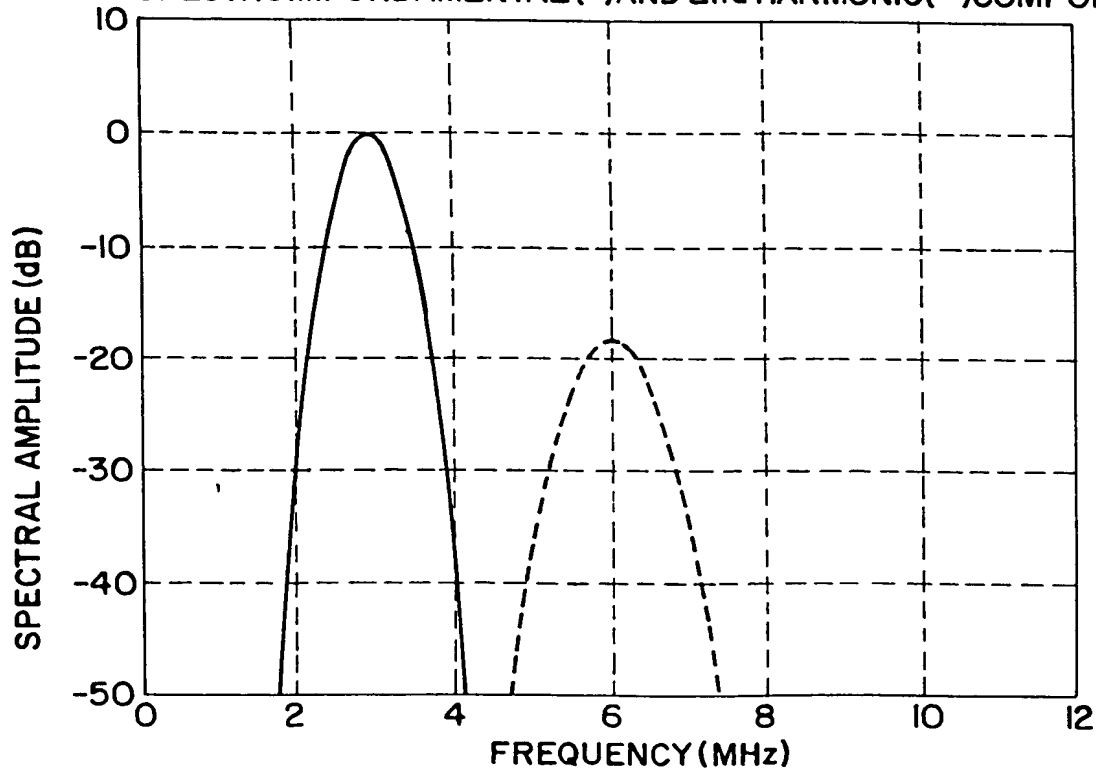


FIG.9D

SOURCE SPECTRUM: FUNDAMENTAL (—) AND 2nd HARMONIC (---) COMPONENTS



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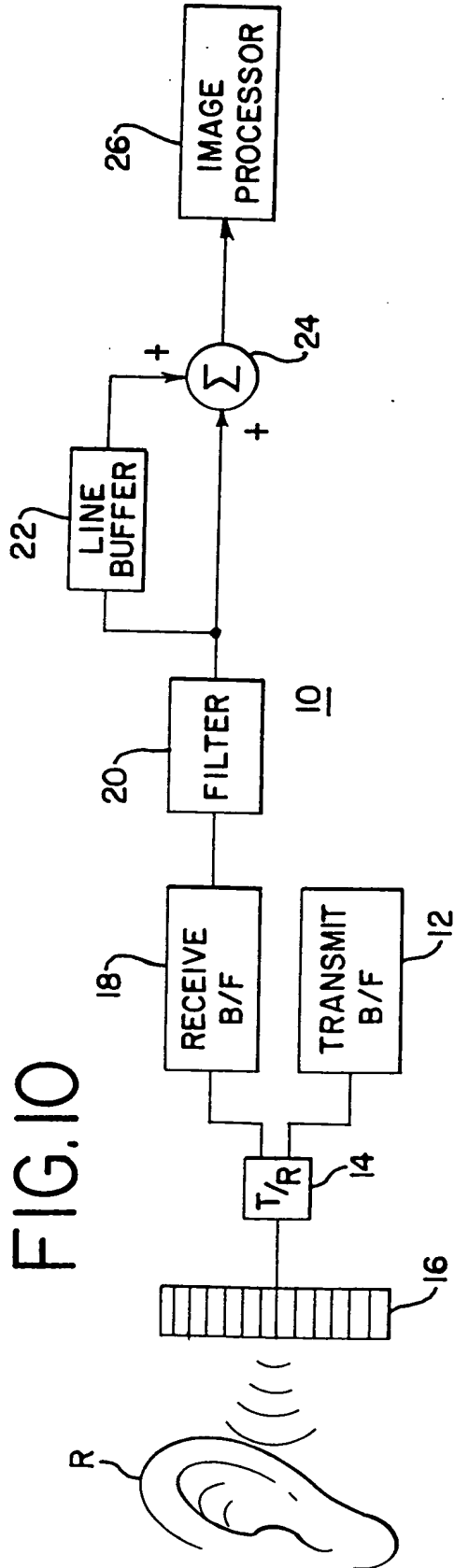


FIG. 11B

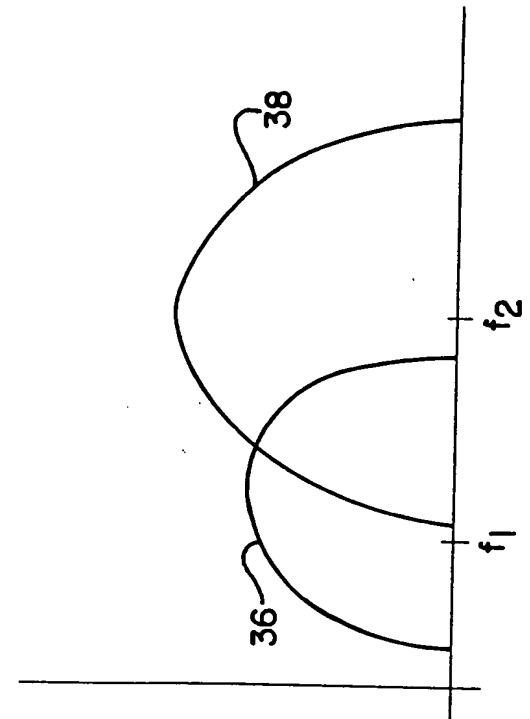
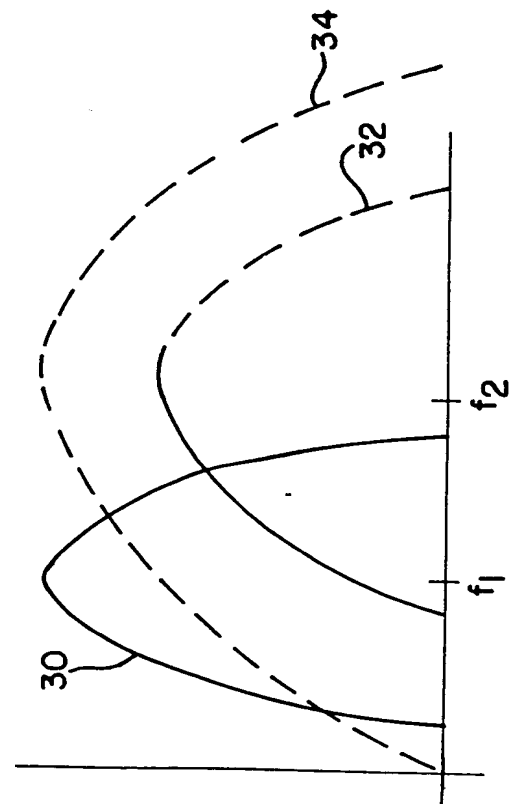


FIG. 11A



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FIG. 12A
FUNDAMENTAL

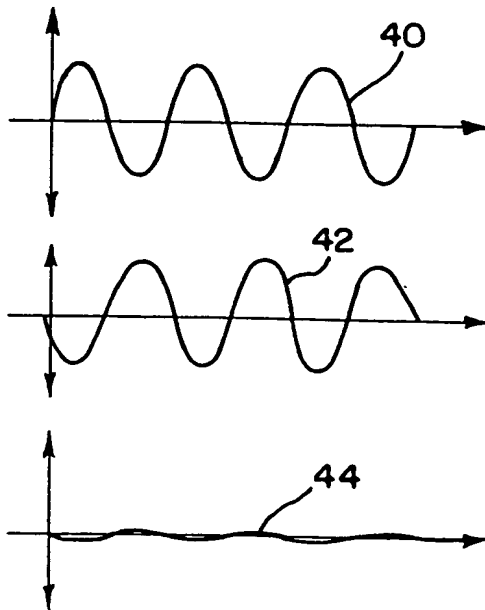


FIG. 12B
EVEN HARMONICS

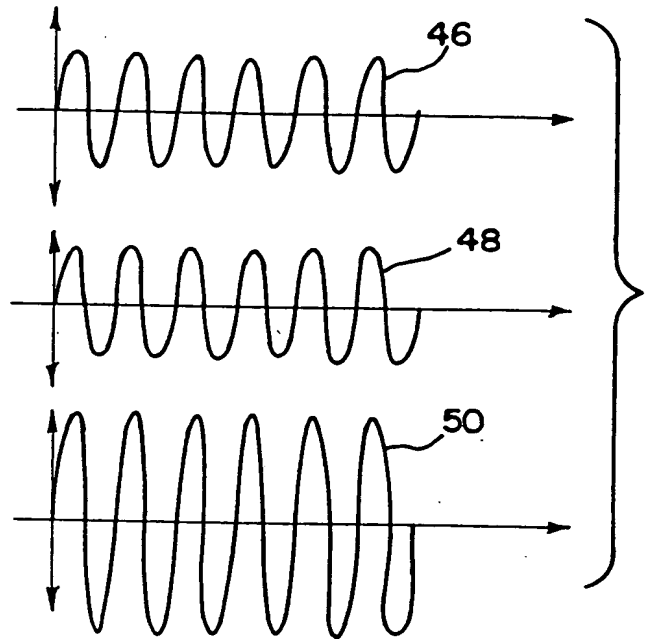
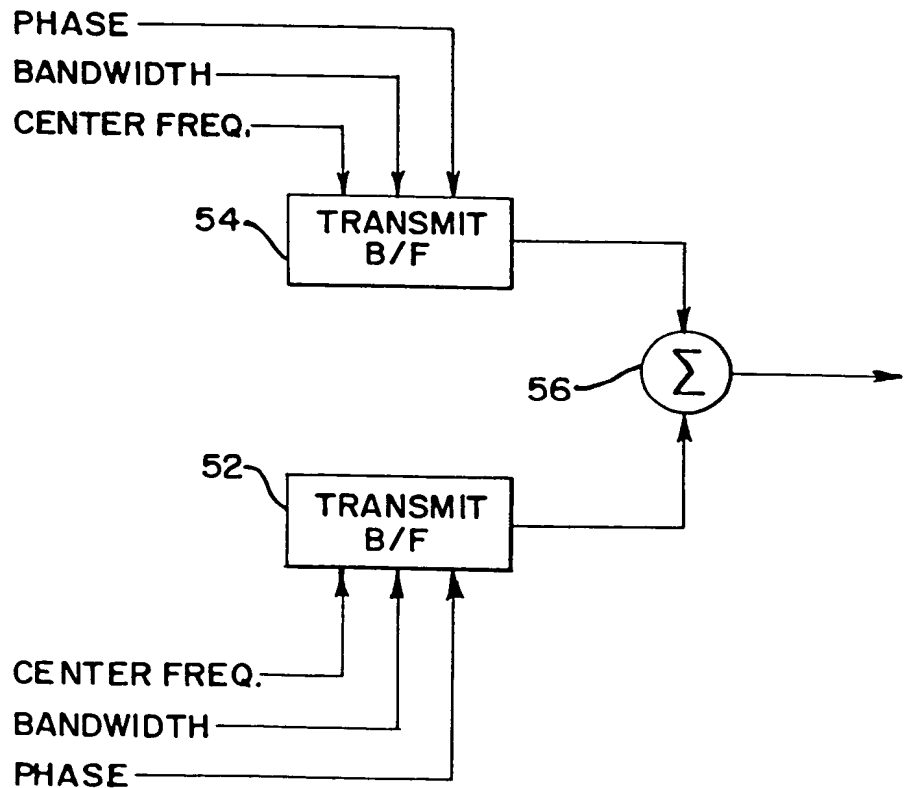
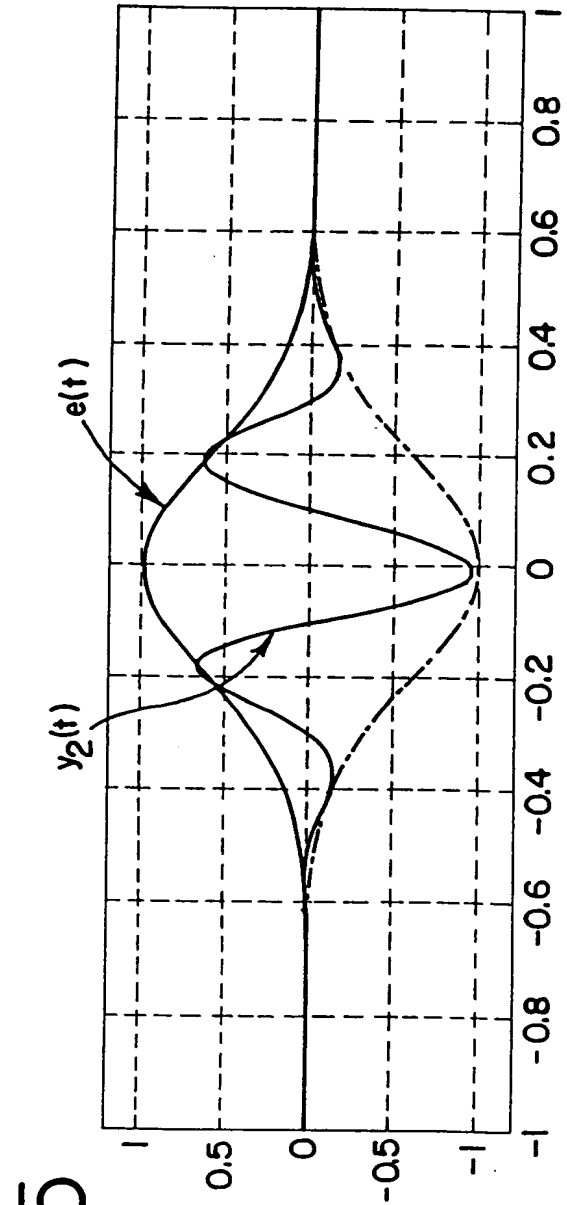
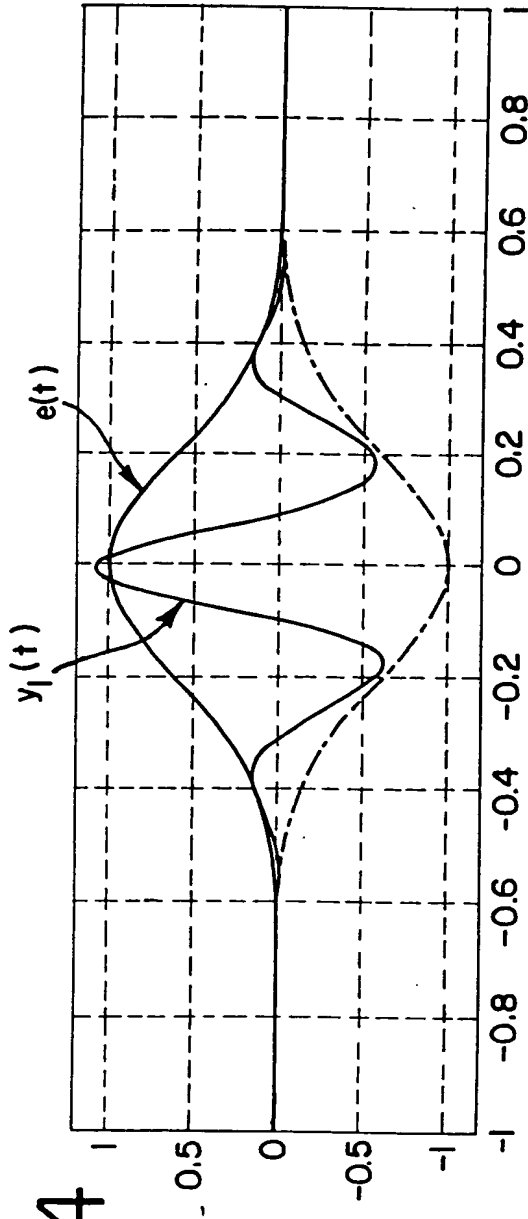


FIG. 13



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FIG. 16

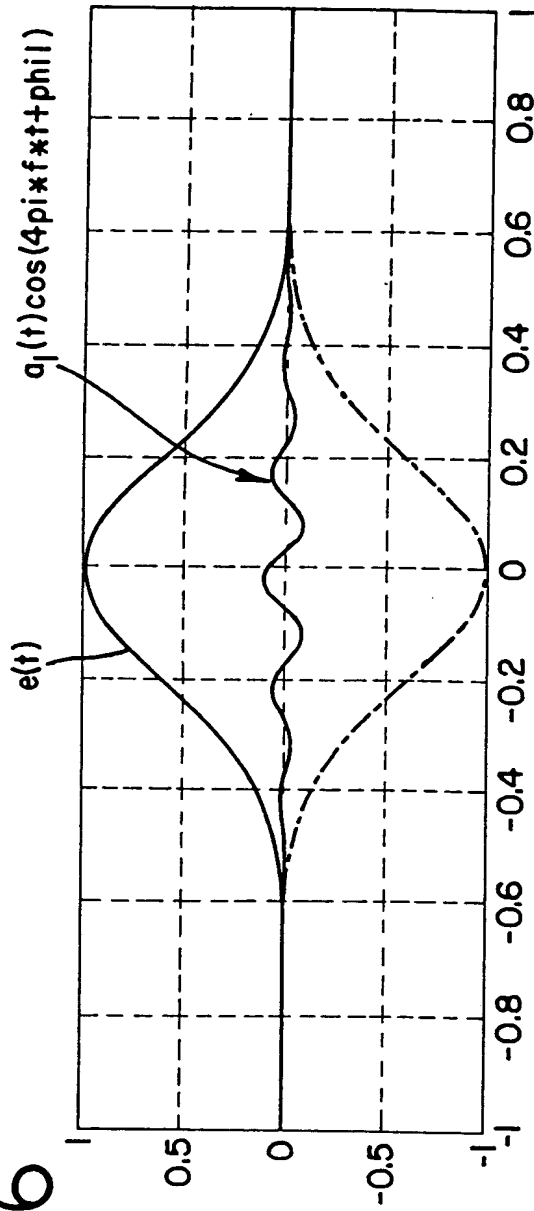
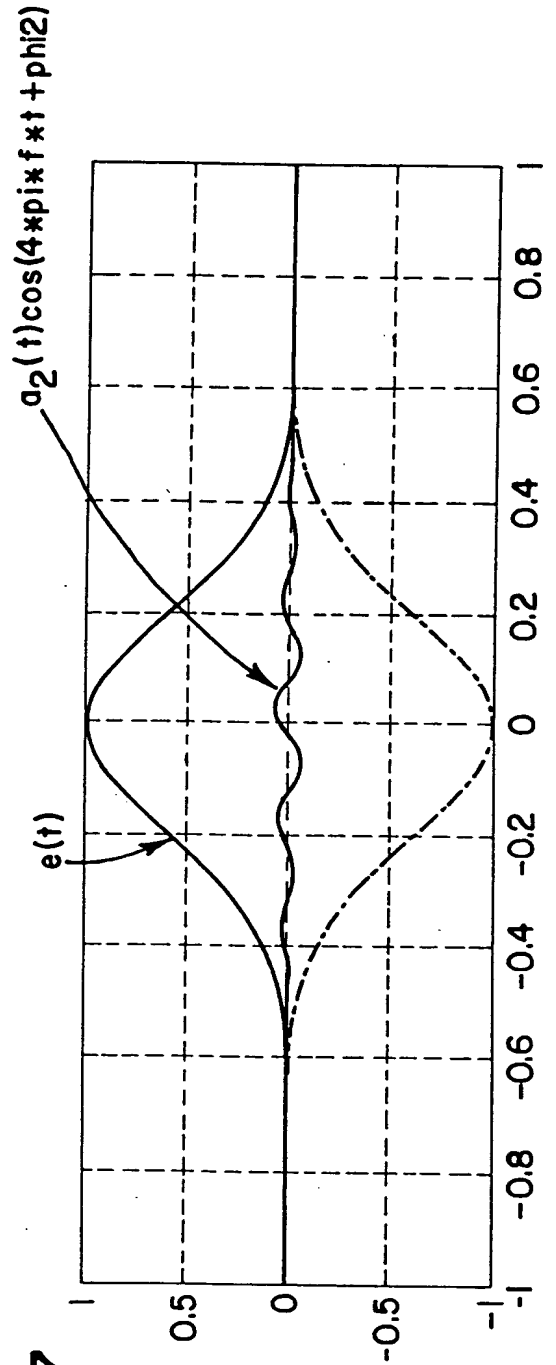


FIG. 17



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FIG. 18

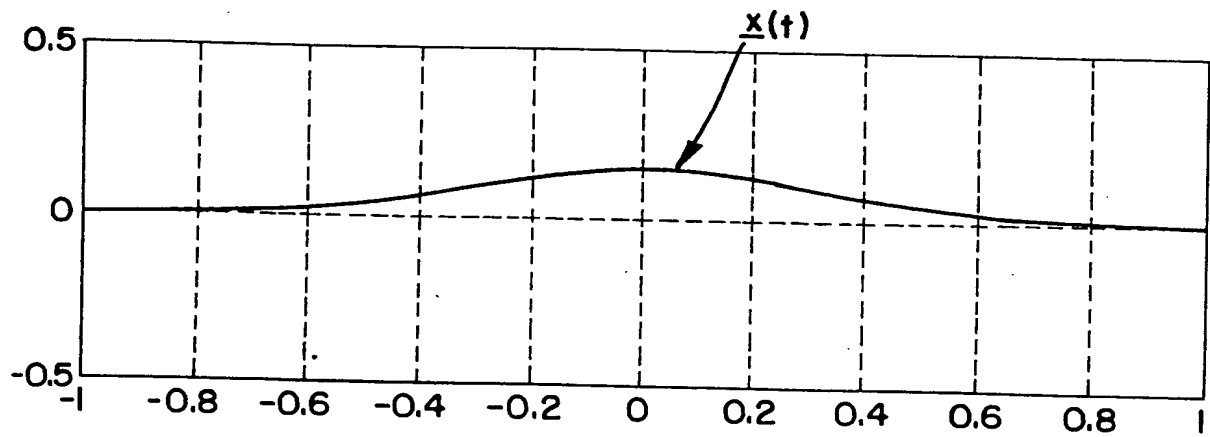


FIG. 19

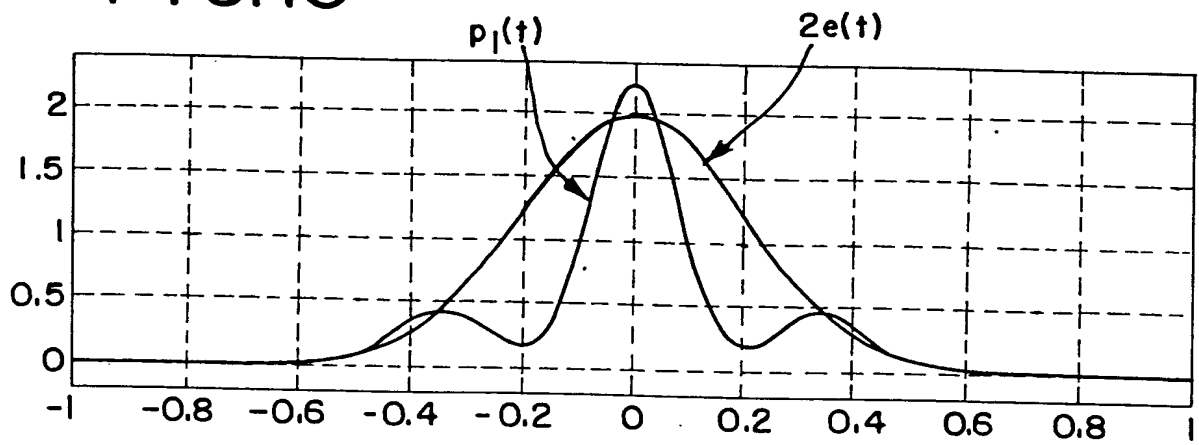


FIG. 20

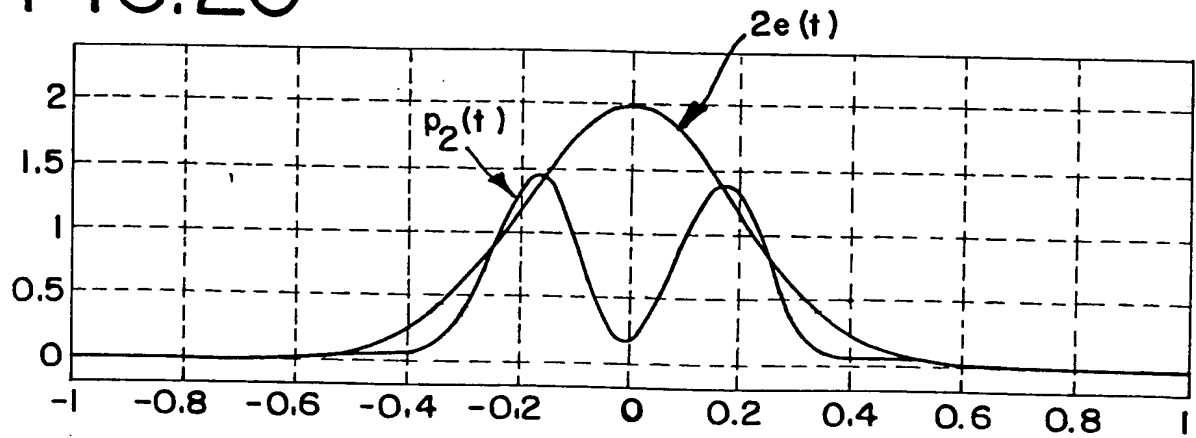


FIG.21

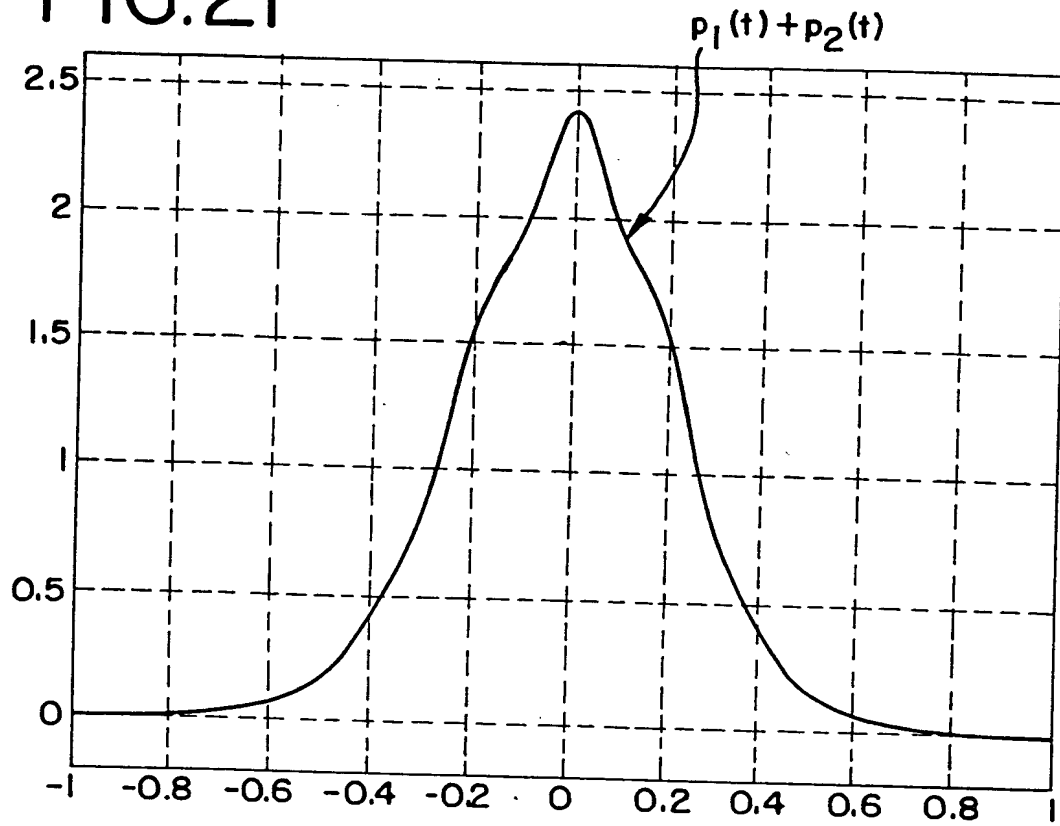
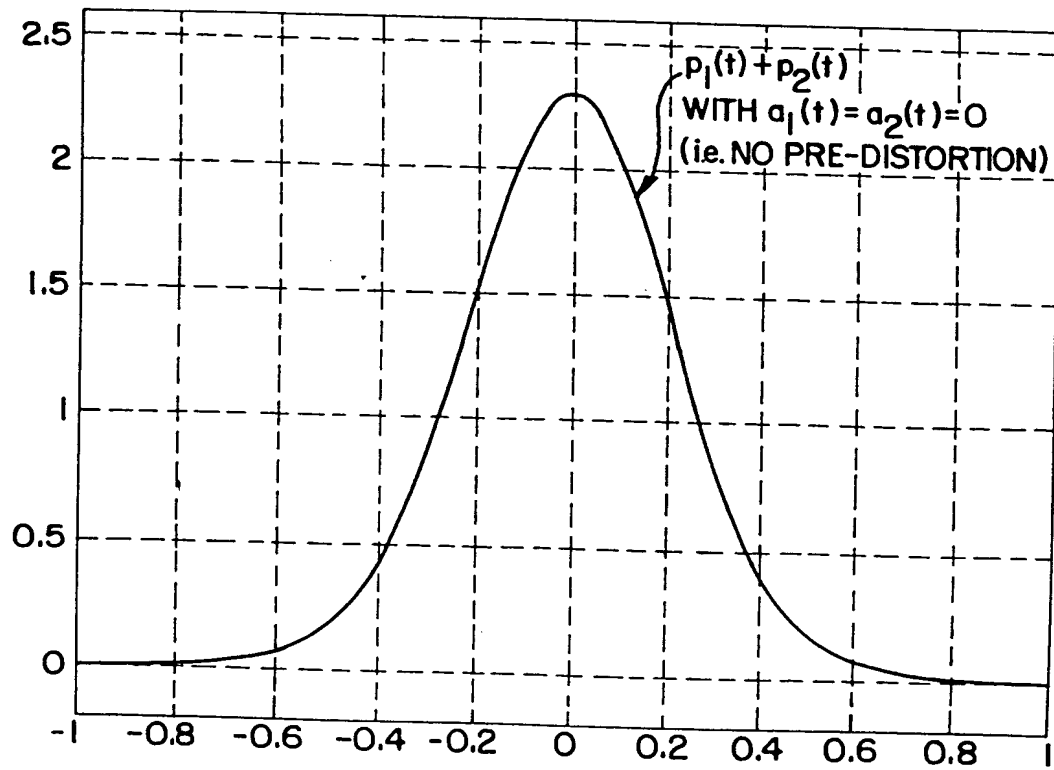


FIG.22



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FIG.23

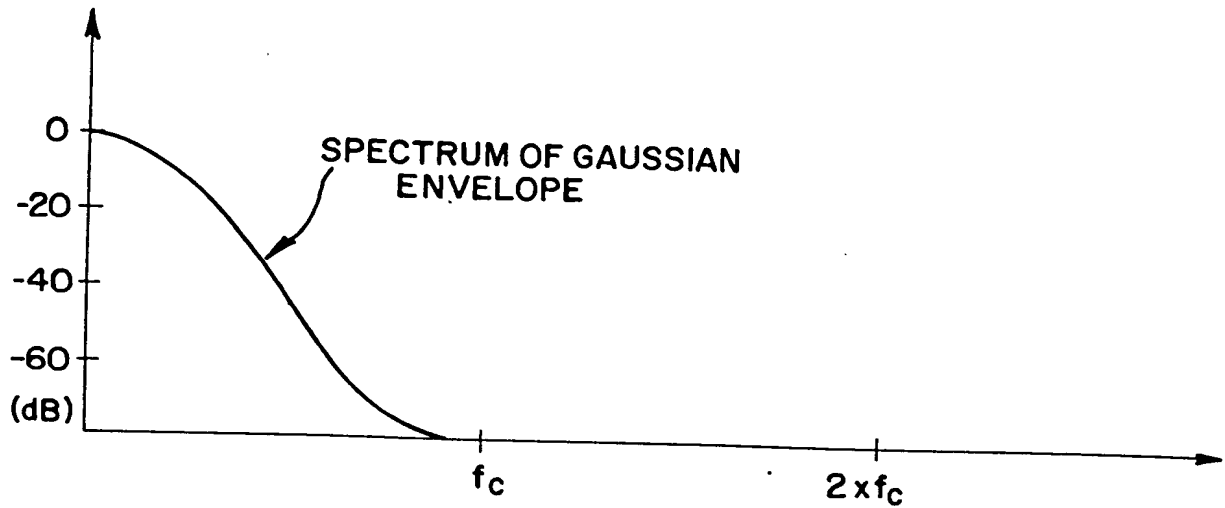
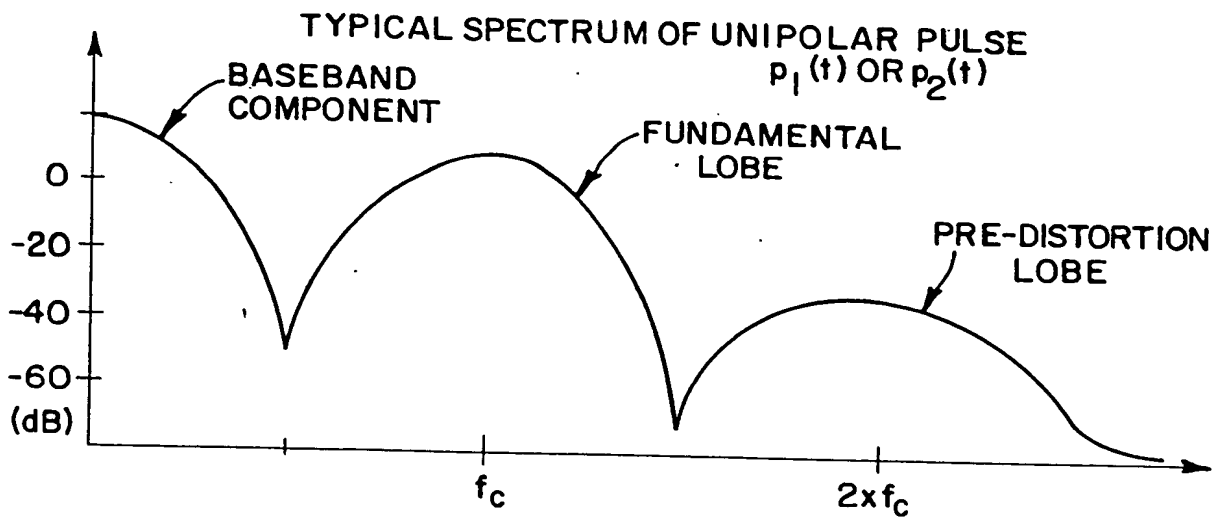


FIG.24



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FIG. 25

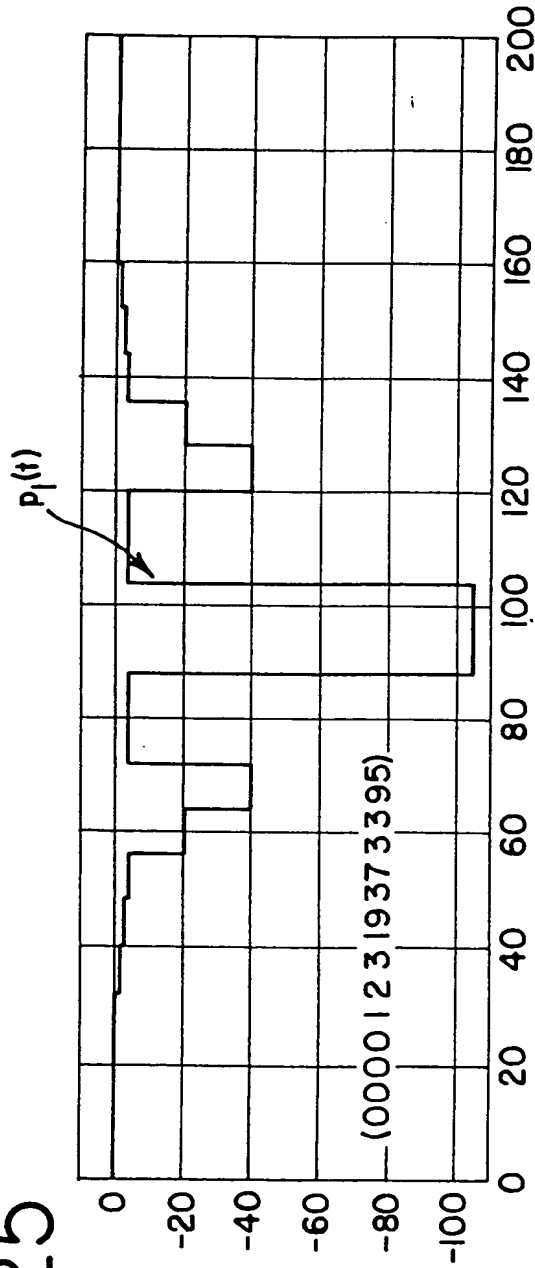
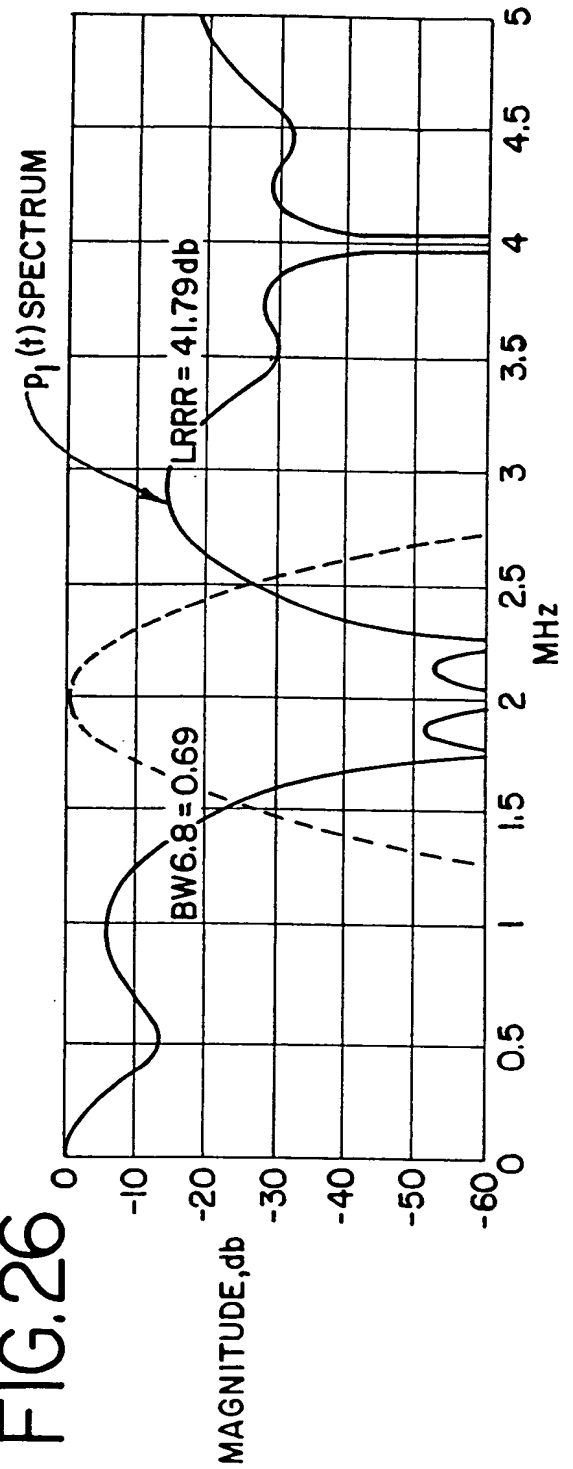
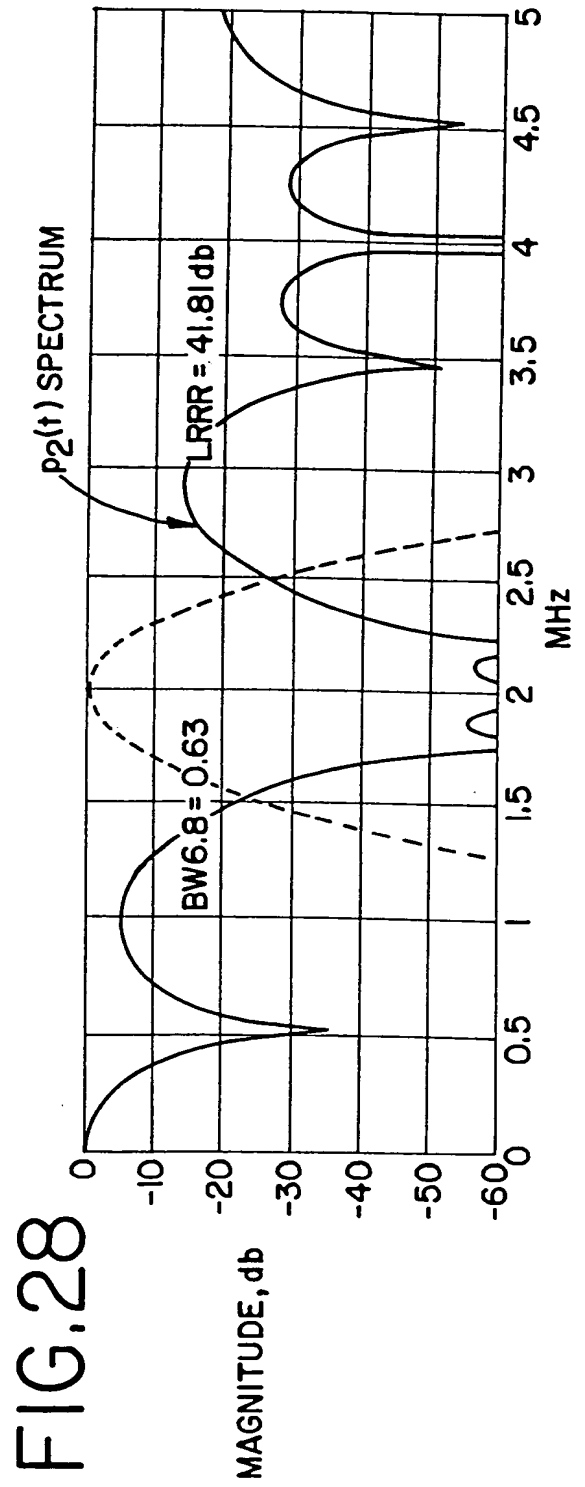
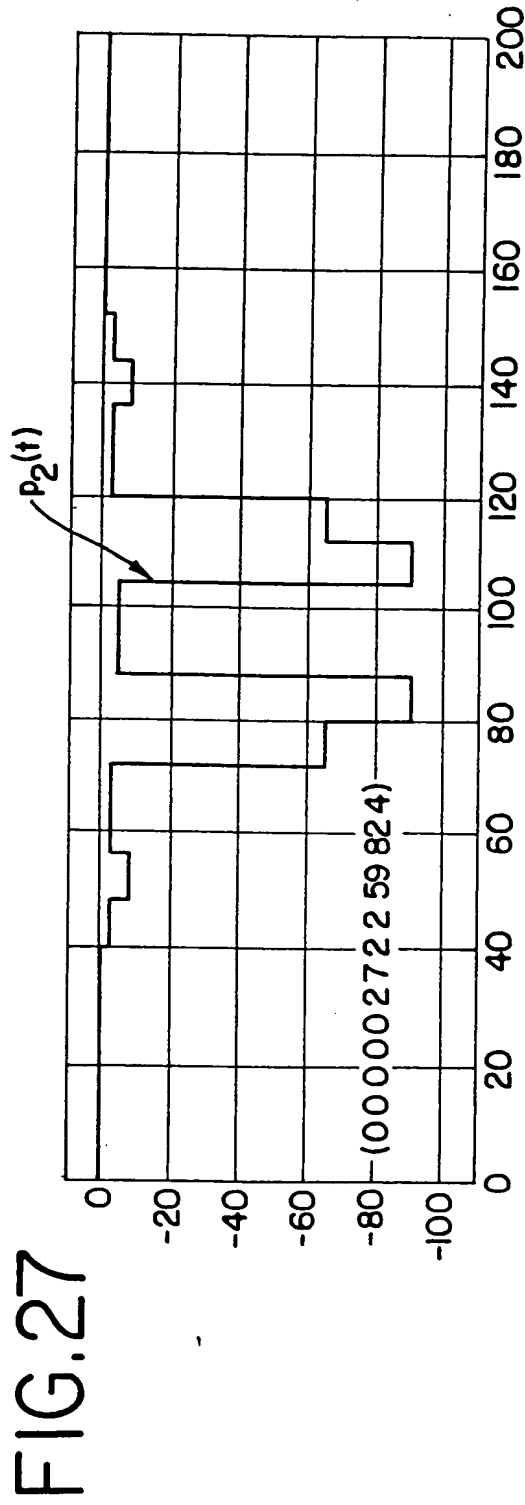


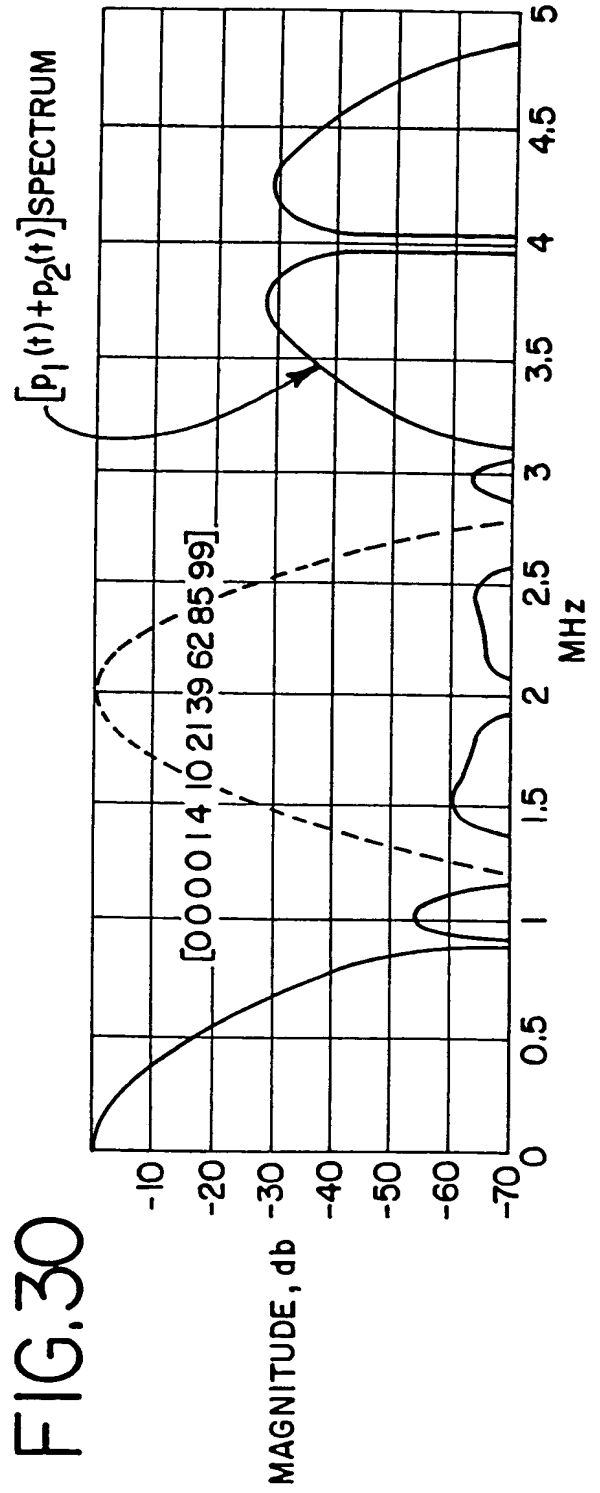
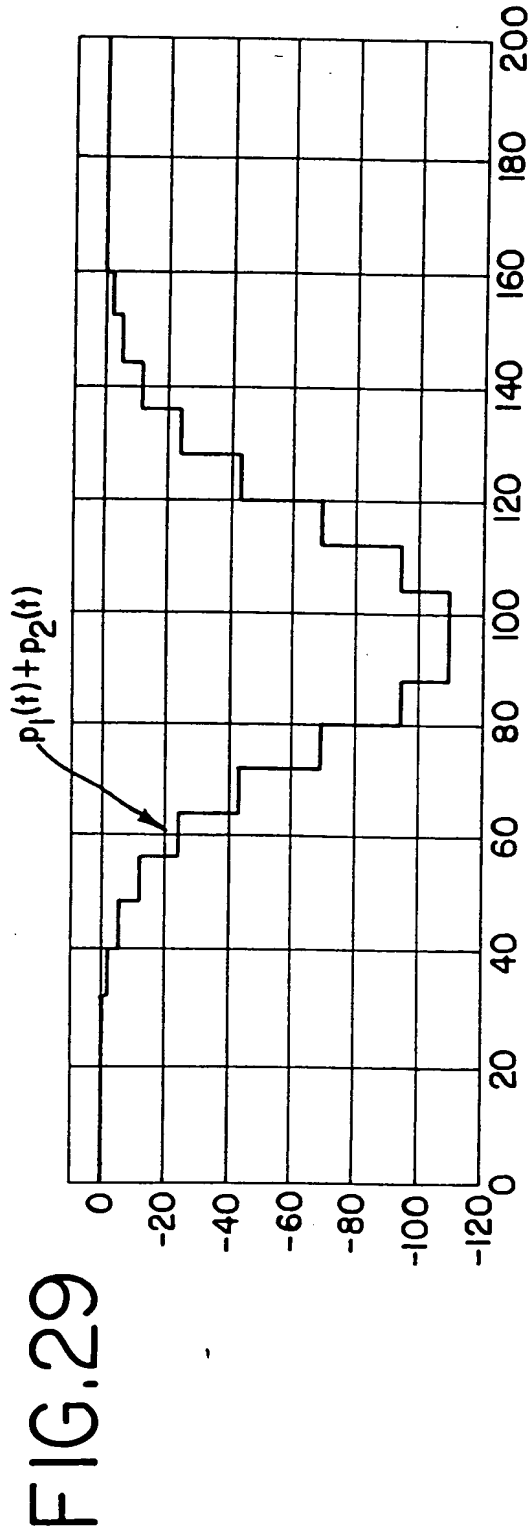
FIG. 26



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FIG.3I

